

Kuipers & Associates

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Date: May 27, 2009

To: Anaconda Deer Lodge County

From: Kuipers & Associates

Subject: **Ambient Air Quality Monitoring
Opportunity and Warm Springs Sites
April 2009 Monthly Report**

This April 2009 report documents the ambient air quality monitoring program conducted by Kuipers & Associates on behalf of Anaconda Deer Lodge County at the Opportunity and Warm Springs locations adjacent to the Atlantic Richfield Lower Waste Management Area. Total Suspended Particulate (TSP) is monitored at Opportunity, and PM10 at Warm Springs. Additionally, wind speed, wind direction, temperature and relative humidity are monitored at both sites.

Glass pie pans have been in place since August 15, 2008 at both sites to capture settling dust. The dust is being collected onto filters using a personal sampling pump, in conjunction with twice-weekly site visits. The third set of preliminary results was obtained in early April. At Opportunity, the preliminary calculated arsenic concentration is 164 mg/kg and the calculated lead concentration is approximately 133 mg/kg. This is consistent with previous settled dust analyses. At Warm Springs, the amount of dust collected was insufficient for a reliable trace element analysis. Final results will be attached to the monthly report for May 2009.

Additionally, two segments of exposed air sampling filter tape from each site were analyzed for trace elements. The one-hour arsenic concentrations at Opportunity were 466 mg/kg and 37.4 mg/kg; the corresponding lead values were 230 mg/kg and 22.3 mg/kg. The results for Warm Springs (for samples collected at different times) were 44.2 mg/kg and 34.8 mg/kg for arsenic, and 16.3 mg/kg and 31.4 mg/kg for lead. These results represent short-term trace element concentrations during elevated particulate episodes, and not long-term conditions. Complete results are being documented in a separate memorandum.

All data, discussion and conclusions provided in this report are preliminary and will undergo a complete quality assurance review prior to issuance of final results in quarterly and annual reports in accordance with the project Sampling and Analysis Plan. Results for the month are summarized as follows:

- Hourly average data were collected continuously by the monitors from April 1st through April 30th, with 99.7% availability for TSP at the Opportunity location and 99.0% availability for PM10 at the Warm Springs location.
 - Downtime at the Opportunity location occurred on April 1 at 16:00 MST, and on April 5 at 16:00 MST for calibrations and routine maintenance.

- Downtime at the Warm Springs location occurred on April 1 at 15:00 MST and on April 5 at 14:00 MST for calibrations and routine maintenance. Additional downtime occurred on April 1 from 18:00 MST through 19:00 MST, and on April 10 from 20:00 MST through 22:00 MST because of power outages.
- The hourly average data record for the month is attached to the end of this report. Current data is available for real-time electronic download on demand, and public viewing at: <http://ka.airsis.com/vision/login.aspx?ReturnUrl=%2fvision%2fDefault.aspx> (Username = ADLC, Password = OCPA).
- Monthly and quarterly air monitoring reports from June 2007 through present are now available on the County's website at: http://anacondadeerlodge.mt.gov/super/info.aspx#q_reports.
- At the Opportunity location the maximum TSP reading for the period on a daily average basis was 47 $\mu\text{g}/\text{m}^3$, and the average monthly concentration for April was 11 $\mu\text{g}/\text{m}^3$. The maximum reading for the period on an hourly average basis was 248 $\mu\text{g}/\text{m}^3$. This value was associated with strong north-northeast winds. The four highest daily and hourly maximum values are summarized in Table 1, and the average daily data for the month is attached together with meteorological information in Table 3.
- At the Warm Springs location the maximum PM10 reading for the period on a daily average basis was 8 $\mu\text{g}/\text{m}^3$, and the average monthly concentration for April was 3 $\mu\text{g}/\text{m}^3$. The maximum reading for the period on an hourly average basis was 52 $\mu\text{g}/\text{m}^3$. This value was associated with moderate north-northeast winds, and occurred around the same time as the maximum at Opportunity. The four highest daily and hourly maximum values are summarized in Table 2, and the average daily data for the month is attached together with meteorological information in Table 4.

Table 1
Opportunity Site TSP Maximum Data, April 2009

Maximum	TSP ($\mu\text{g}/\text{m}^3$)	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	47	4/23/2009	6.9	9
Daily 2nd Max	41	4/22/2009	6.3	235
Daily 3rd Max	17	4/21/2009	5.7	239
Daily 4th Max	16	4/15/2009	12.8	3
Hourly 1st Max	248	4/23/2009 10:00	16.3	25
Hourly 2nd Max	241	4/23/2009 11:00	19.0	24
Hourly 3rd Max	235	4/22/2009 12:00	8.9	227
Hourly 4th Max	117	4/22/2009 15:00	12.3	242

Table 2
Warm Springs Site PM10 Maximum Data, April 2009

Maximum	PM10 ($\mu\text{g}/\text{m}^3$)	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	8	4/23/2009	4.2	360
Daily 2nd Max	6	4/22/2009	6.0	233
Daily 3rd Max	6	4/27/2009	5.2	16
Daily 4th Max	5	4/17/2009	3.7	192
Hourly 1st Max	52	4/23/2009 11:00	9.6	19
Hourly 2nd Max	32	4/23/2009 10:00	7.2	21
Hourly 3rd Max	32	4/28/2009 15:00	8.3	1
Hourly 4th Max	30	4/23/2009 09:00	4.7	15

- There are no Montana or Federal air quality standards for TSP; both were replaced by the current PM10 standard in 1987. Prior to 1987 the Montana annual TSP standard was $75 \mu\text{g}/\text{m}^3$, the 24-hour standard was $200 \mu\text{g}/\text{m}^3$ and there was no hourly standard. TSP results for April at Opportunity were well below these historical standards. Monitoring for PM10 from May 2007 through June of 2008 showed that PM10 concentrations were consistently below regulatory levels. To facilitate comparison with previously collected PM10 data, the TSP data are being reported at Local temperature and pressure conditions.
- At the Warm Springs monitoring site daily average PM10 results for the month of April were well below the 24-hour Montana Ambient Air Quality Standard of $150 \mu\text{g}/\text{m}^3$. The average monthly concentration was below the annual PM10 standard of $50 \mu\text{g}/\text{m}^3$. There currently is no State or Federal standard for hourly PM10 data.
- Precipitation for the month was near average according to Butte airport records.
- Wind roses are attached to graphically depict prevailing winds.
 - Figure 1 shows the Opportunity location, where the predominant wind directions in April were northerly and north-northeasterly. Winds from the southwest quadrant also were common.
 - Figure 2 shows the Warm Springs location, where the predominant wind directions were northerly and southerly.
- If a dust storm event or nuisance dust in general is observed, please contact us so that we may respond, and try to quantify and document the problem. We are available seven days per week 24 hours per day and ask that you contact the following (in order) until someone is notified.

Dust Event Contacts:

Steve Heck	498-4199
David Dobrinien	490-9205
Jim Kuipers	782-3441, then 459-0445
Sarah Zuzulock	585-9932, then 581-1355

Table 3
Opportunity Site Daily Average Data

Date	TSP Daily ($\mu\text{g}/\text{m}^3$)	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)
April 1, 2009	1	2.4	5.3	271	-1.4	29.5	60
April 2, 2009	3	2.4	5.4	228	0.0	31.9	71
April 3, 2009	5	2.8	6.4	7	-1.6	29.2	72
April 4, 2009	4	3.2	7.2	9	-0.8	30.5	64
April 5, 2009	6	1.6	3.5	163	-0.6	30.9	58
April 6, 2009	8	2.0	4.5	182	4.6	40.3	50
April 7, 2009	10	1.9	4.3	204	6.8	44.2	48
April 8, 2009	15	2.4	5.5	228	8.6	47.4	50
April 9, 2009	9	2.1	4.8	17	3.9	39.0	77
April 10, 2009	8	1.5	3.3	213	4.8	40.7	68
April 11, 2009	6	2.2	5.0	270	6.1	43.0	65
April 12, 2009	4	2.1	4.8	244	7.1	44.7	46
April 13, 2009	10	3.0	6.6	330	3.9	38.9	71
April 14, 2009	12	3.2	7.2	1	-0.3	31.5	70
April 15, 2009	16	5.7	12.8	3	-1.4	29.5	68
April 16, 2009	7	2.2	4.9	10	1.0	33.7	67
April 17, 2009	10	2.1	4.6	250	5.6	42.1	51
April 18, 2009	10	2.1	4.8	299	6.8	44.2	43
April 19, 2009	11	2.6	5.7	246	8.3	46.9	42
April 20, 2009	9	3.0	6.7	262	12.9	55.2	35
April 21, 2009	17	2.5	5.7	239	13.5	56.2	36
April 22, 2009	41	2.8	6.3	235	12.7	54.8	38
April 23, 2009	47	3.1	6.9	9	2.0	35.6	74
April 24, 2009	6	2.1	4.7	297	0.4	32.8	58
April 25, 2009	10	2.2	4.9	10	1.2	34.1	53
April 26, 2009	8	3.1	7.0	13	1.1	33.9	68
April 27, 2009	13	2.8	6.3	53	0.5	32.9	69
April 28, 2009	11	4.0	8.9	2	-2.0	28.3	82
April 29, 2009	3	4.3	9.5	2	-2.1	28.3	74
April 30, 2009	5	1.5	3.4	5	-0.5	31.1	72

Table 4
Warm Springs Site Daily Average Data

Date	PM10 Daily ($\mu\text{g}/\text{m}^3$)	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)
April 1, 2009	-2	1.3	2.9	86	-1.9	28.7	63
April 2, 2009	1	2.6	6.4	178	-0.3	31.5	71
April 3, 2009	2	2.7	6.0	1	-1.7	29.0	72
April 4, 2009	1	2.1	4.8	2	-0.7	30.8	61
April 5, 2009	2	1.6	3.5	174	-0.6	30.9	57
April 6, 2009	4	1.8	4.1	186	3.9	39.1	54
April 7, 2009	3	2.1	4.8	187	6.6	43.8	50
April 8, 2009	5	2.0	4.4	178	7.8	46.1	53
April 9, 2009	4	1.1	2.5	39	3.7	38.6	77
April 10, 2009	5	1.4	3.2	167	4.6	40.2	67
April 11, 2009	5	1.6	3.5	229	5.5	42.0	68
April 12, 2009	1	2.3	5.2	237	7.3	45.1	46
April 13, 2009	0	2.5	5.6	140	4.1	39.3	68
April 14, 2009	3	2.2	4.9	359	0.0	32.1	64
April 15, 2009	2	3.8	8.6	346	-1.1	29.9	64
April 16, 2009	2	1.6	3.5	350	1.1	33.9	65
April 17, 2009	5	1.7	3.7	192	5.0	40.9	53
April 18, 2009	4	1.9	4.3	259	7.0	44.6	43
April 19, 2009	2	2.9	6.5	233	8.2	46.8	43
April 20, 2009	2	2.7	6.0	258	11.3	52.3	42
April 21, 2009	2	3.2	7.1	226	13.0	55.5	37
April 22, 2009	6	2.7	6.0	233	12.5	54.5	39
April 23, 2009	8	1.9	4.2	360	1.3	34.3	76
April 24, 2009	2	2.0	4.4	300	0.0	31.9	57
April 25, 2009	4	2.1	4.6	8	1.5	34.6	53
April 26, 2009	3	1.9	4.3	12	1.3	34.4	66
April 27, 2009	6	2.3	5.2	16	0.4	32.6	70
April 28, 2009	3	3.0	6.7	355	-2.0	28.4	81
April 29, 2009	4	3.1	6.9	354	-2.1	28.3	73
April 30, 2009	4	1.3	2.9	347	-0.6	30.9	70

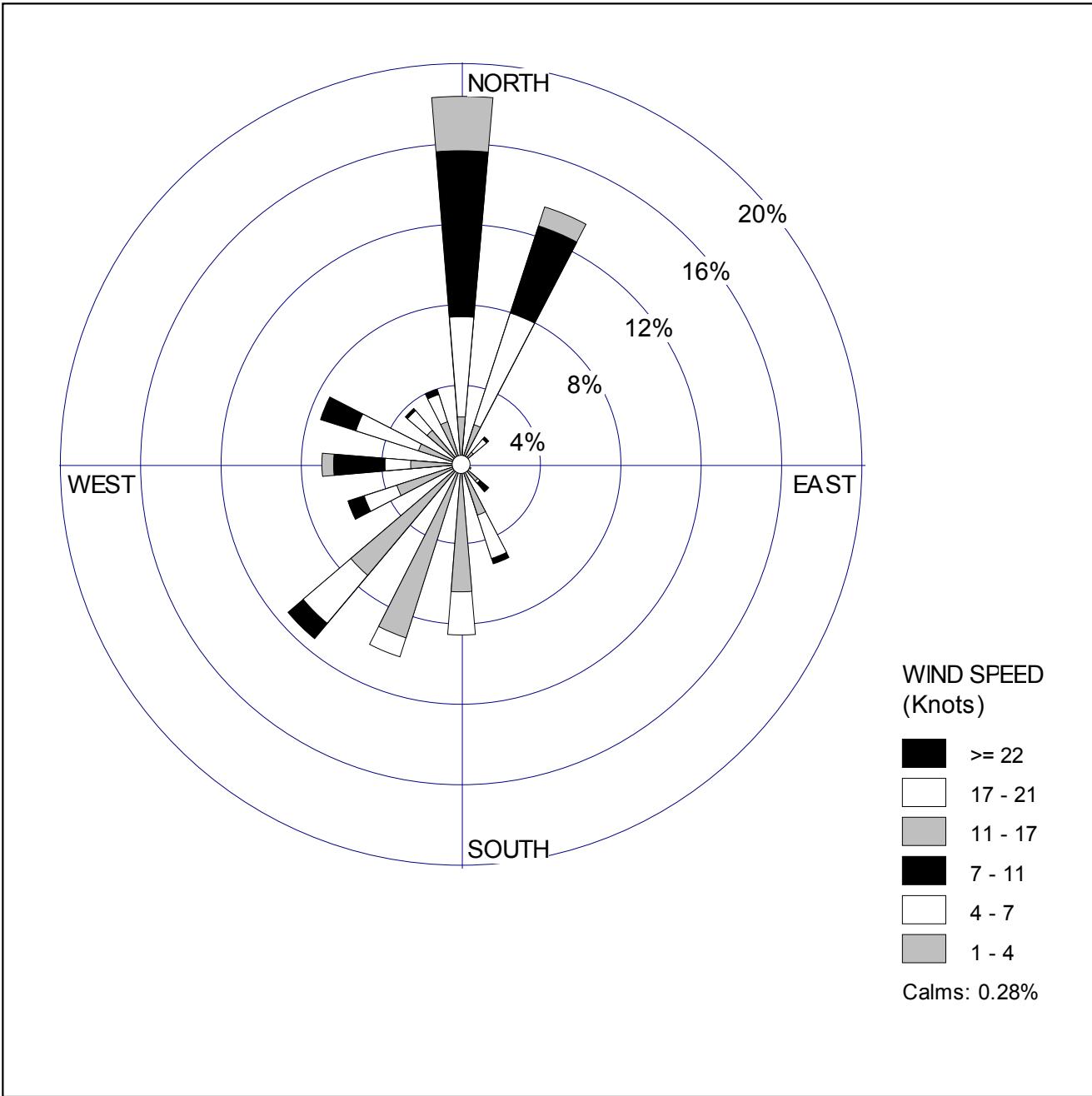


Figure 1. Wind Rose (percent of time blowing from indicated direction) for Opportunity EBAM Site April 2009.

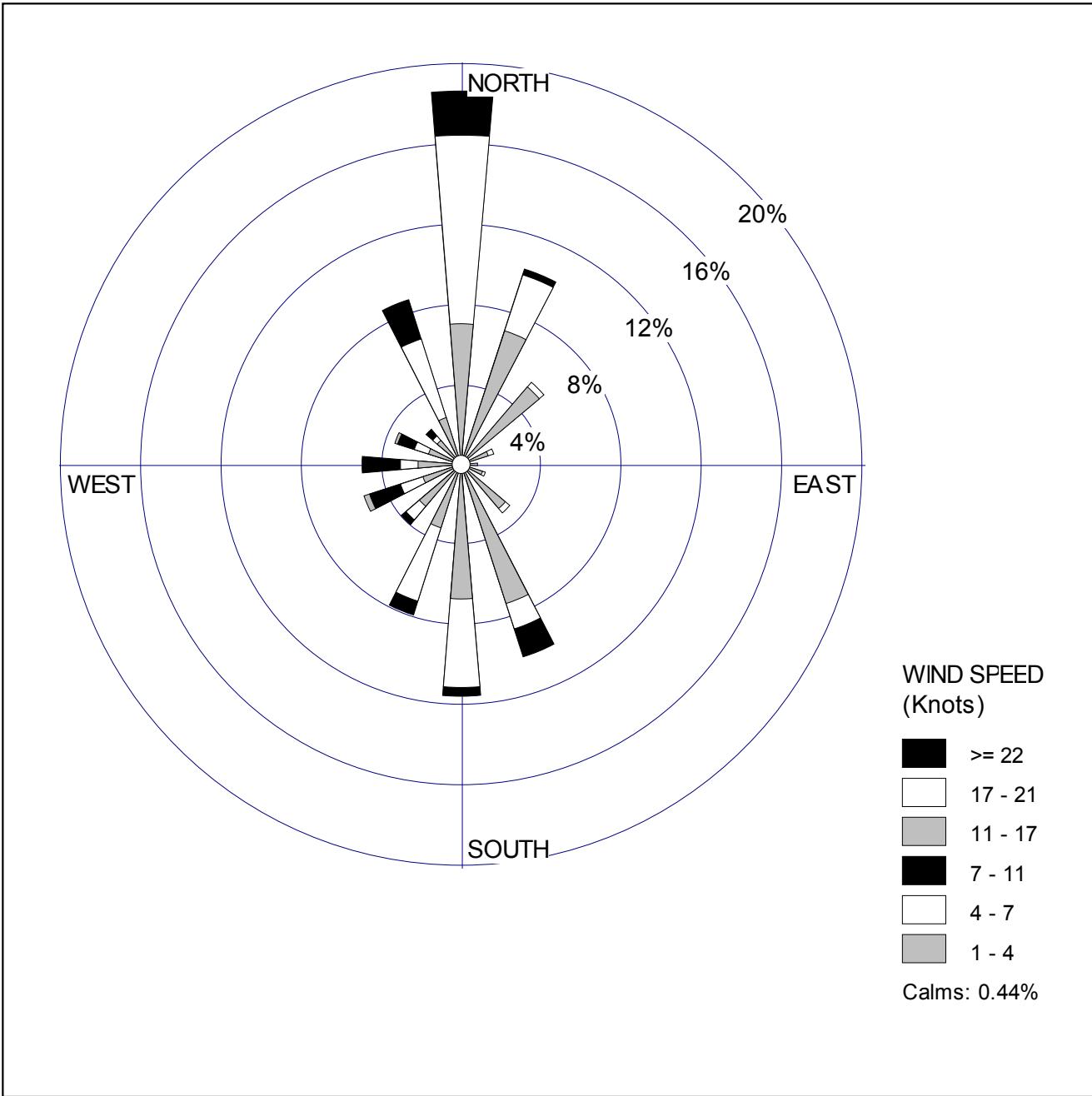


Figure 2. Wind Rose (percent of time blowing from indicated direction) for Warm Springs EBAM Site April 2009.

Table 5
Opportunity Site Hourly Average Data
Met One E-BAM
April 2009

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
4/1/2009 1:00	-1	2.1	4.7	331	-3.0	26.6	79
4/1/2009 2:00	-1	1.9	4.3	279	-3.5	25.7	75
4/1/2009 3:00	4	0.9	2.0	275	-4.6	23.7	70
4/1/2009 4:00	4	0.8	1.8	297	-5.8	21.6	74
4/1/2009 5:00	0	2.1	4.7	270	-3.9	25.0	71
4/1/2009 6:00	1	2.1	4.7	299	-3.4	25.9	72
4/1/2009 7:00	4	1.9	4.3	296	-3.4	25.9	72
4/1/2009 8:00	7	2.2	4.9	274	-3.3	26.1	70
4/1/2009 9:00	-2	2.9	6.5	283	-2.1	28.2	61
4/1/2009 10:00	7	3.8	8.5	274	-0.4	31.3	50
4/1/2009 11:00	-3	4.1	9.2	276	0.7	33.3	47
4/1/2009 12:00	2	3.7	8.3	271	1.3	34.3	44
4/1/2009 13:00	-1	2.5	5.6	250	1.1	34.0	43
4/1/2009 14:00	-5	3.1	6.9	281	1.8	35.2	42
4/1/2009 15:00	4	2.9	6.5	265	1.7	35.1	44
4/1/2009 16:00	BA	3.4	7.6	275	1.5	34.7	46
4/1/2009 17:00	11	2.7	6.0	280	1.0	33.8	48
4/1/2009 18:00	-1	2.2	4.9	275	0.5	32.9	51
4/1/2009 19:00	5	1.4	3.1	72	-0.3	31.5	58
4/1/2009 20:00	1	1.2	2.7	246	-1.0	30.2	58
4/1/2009 21:00	0	1.6	3.6	219	-1.4	29.5	61
4/1/2009 22:00	2	2.0	4.5	226	-2.1	28.2	67
4/1/2009 23:00	-5	2.5	5.6	245	-2.2	28.0	68
4/2/2009 0:00	-1	2.7	6.0	230	-1.9	28.6	66
4/2/2009 1:00	3	3.2	7.2	234	-2.0	28.4	69
4/2/2009 2:00	-1	2.2	4.9	230	-2.1	28.2	69
4/2/2009 3:00	0	3.6	8.1	233	-1.7	28.9	67
4/2/2009 4:00	-3	4.3	9.6	233	-1.7	28.9	67
4/2/2009 5:00	-2	2.6	5.8	215	-2.0	28.4	66
4/2/2009 6:00	1	2.3	5.1	204	-2.0	28.4	66
4/2/2009 7:00	-4	2.2	4.9	189	-1.8	28.8	66
4/2/2009 8:00	5	2.3	5.1	187	-1.1	30.0	62
4/2/2009 9:00	3	2.4	5.4	177	0.2	32.4	58
4/2/2009 10:00	6	3.0	6.7	159	2.5	36.5	54
4/2/2009 11:00	6	2.0	4.5	190	3.4	38.1	52
4/2/2009 12:00	1	3.0	6.7	215	2.7	36.9	60
4/2/2009 13:00	-3	3.1	6.9	229	3.7	38.7	58
4/2/2009 14:00	1	2.5	5.6	229	4.4	39.9	57
4/2/2009 15:00	24	4.1	9.2	26	2.9	37.2	74
4/2/2009 16:00	-5	2.3	5.1	10	1.6	34.9	79
4/2/2009 17:00	-5	1.7	3.8	0	2.2	36.0	69
4/2/2009 18:00	4	2.5	5.6	7	1.8	35.2	72
4/2/2009 19:00	6	2.7	6.0	26	-0.1	31.8	88
4/2/2009 20:00	19	1.6	3.6	302	-0.5	31.1	90
4/2/2009 21:00	-5	1.5	3.4	359	-1.0	30.2	89
4/2/2009 22:00	9	0.8	1.8	263	-2.5	27.5	89
4/2/2009 23:00	-5	0.9	2.0	210	-3.7	25.3	90
4/3/2009 0:00	18	1.1	2.5	224	-4.1	24.6	88
4/3/2009 1:00	10	0.9	2.0	239	-5.0	23.0	88
4/3/2009 2:00	11	1.0	2.2	251	-5.3	22.5	88
4/3/2009 3:00	18	0.5	1.1	177	-6.4	20.5	87
4/3/2009 4:00	0	0.8	1.8	226	-6.9	19.6	85
4/3/2009 5:00	11	0.7	1.6	181	-7.2	19.0	85
4/3/2009 6:00	20	0.6	1.3	225	-6.8	19.8	86
4/3/2009 7:00	6	0.4	0.9	288	-6.3	20.7	86
4/3/2009 8:00	-5	0.7	1.6	126	-4.2	24.4	82
4/3/2009 9:00	1	0.5	1.1	108	-0.1	31.8	67
4/3/2009 10:00	4	1.5	3.4	27	-0.3	31.5	65
4/3/2009 11:00	-2	2.1	4.7	12	-0.1	31.8	65
4/3/2009 12:00	16	2.6	5.8	6	0.6	33.1	65
4/3/2009 13:00	1	2.5	5.6	359	1.8	35.2	60
4/3/2009 14:00	6	3.7	8.3	24	2.7	36.9	59
4/3/2009 15:00	-5	4.8	10.7	23	2.8	37.0	59
4/3/2009 16:00	4	5.5	12.3	7	2.9	37.2	61
4/3/2009 17:00	-1	6.3	14.1	359	2.4	36.3	60
4/3/2009 18:00	2	5.3	11.9	357	1.5	34.7	60
4/3/2009 19:00	-1	4.9	11.0	2	0.6	33.1	62
4/3/2009 20:00	5	5.1	11.4	17	0.1	32.2	67
4/3/2009 21:00	4	4.0	8.9	10	-0.5	31.1	72
4/3/2009 22:00	3	4.6	10.3	8	-1.0	30.2	74
4/3/2009 23:00	2	5.1	11.4	5	-1.5	29.3	74
4/4/2009 0:00	6	4.1	9.2	4	-1.8	28.8	74
4/4/2009 1:00	3	4.0	8.9	0	-1.8	28.8	74
4/4/2009 2:00	-5	3.9	8.7	1	-1.9	28.6	73
4/4/2009 3:00	3	3.5	7.8	9	-2.0	28.4	73
4/4/2009 4:00	24	3.9	8.7	12	-2.2	28.0	75
4/4/2009 5:00	14	4.5	10.1	5	-2.5	27.5	76
4/4/2009 6:00	12	4.5	10.1	1	-2.7	27.1	75
4/4/2009 7:00	-1	4.5	10.1	5	-2.6	27.3	75
4/4/2009 8:00	3	4.4	9.8	19	-1.7	28.9	70

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
4/4/2009 9:00	0	2.9	6.5	25	-2.0	28.4	72
4/4/2009 10:00	-3	4.1	9.2	9	-0.5	31.1	64
4/4/2009 11:00	-1	4.3	9.6	11	-0.2	31.6	61
4/4/2009 12:00	-4	4.7	10.5	4	0.9	33.6	55
4/4/2009 13:00	-5	4.6	10.3	13	1.9	35.4	52
4/4/2009 14:00	0	4.0	8.9	11	2.5	36.5	48
4/4/2009 15:00	0	4.3	9.6	12	3.1	37.6	46
4/4/2009 16:00	1	3.8	8.5	27	3.3	37.9	44
4/4/2009 17:00	8	3.0	6.7	28	3.5	38.3	42
4/4/2009 18:00	-5	2.9	6.5	17	3.0	37.4	41
4/4/2009 19:00	3	2.1	4.7	10	1.8	35.2	49
4/4/2009 20:00	-2	0.9	2.0	324	-0.9	30.4	62
4/4/2009 21:00	10	0.7	1.6	263	-2.7	27.1	68
4/4/2009 22:00	21	0.7	1.6	247	-3.8	25.2	72
4/4/2009 23:00	15	0.5	1.1	216	-5.7	21.7	78
4/5/2009 0:00	15	0.7	1.6	181	-6.7	19.9	79
4/5/2009 1:00	25	0.6	1.3	209	-7.1	19.2	78
4/5/2009 2:00	7	0.9	2.0	202	-7.6	18.3	79
4/5/2009 3:00	20	0.7	1.6	210	-8.5	16.7	82
4/5/2009 4:00	19	0.7	1.6	194	-8.9	16.0	84
4/5/2009 5:00	5	0.8	1.8	221	-9.0	15.8	83
4/5/2009 6:00	9	1.0	2.2	213	-9.0	15.8	81
4/5/2009 7:00	6	1.5	3.4	192	-7.8	18.0	74
4/5/2009 8:00	-2	2.5	5.6	170	-5.5	22.1	65
4/5/2009 9:00	-3	3.1	6.9	167	-3.0	26.6	60
4/5/2009 10:00	8	3.3	7.4	161	-0.3	31.5	55
4/5/2009 11:00	5	3.5	7.8	154	2.2	36.0	50
4/5/2009 12:00	-5	2.6	5.8	154	4.2	39.6	43
4/5/2009 13:00	12	1.9	4.3	158	5.7	42.3	37
4/5/2009 14:00	0	1.9	4.3	141	7.0	44.6	31
4/5/2009 15:00	7	1.4	3.1	110	8.1	46.6	27
4/5/2009 16:00	BA	1.7	3.8	70	8.4	47.1	30
4/5/2009 17:00	-5	2.0	4.5	31	7.9	46.2	34
4/5/2009 18:00	7	1.7	3.8	32	7.7	45.9	34
4/5/2009 19:00	3	1.4	3.1	21	5.9	42.6	41
4/5/2009 20:00	9	1.0	2.2	272	1.8	35.2	59
4/5/2009 21:00	14	0.6	1.3	208	-1.4	29.5	72
4/5/2009 22:00	3	0.9	2.0	214	-1.3	29.7	67
4/5/2009 23:00	3	1.0	2.2	223	-2.1	28.2	67
4/6/2009 0:00	-2	1.2	2.7	225	-1.6	29.1	64
4/6/2009 1:00	2	1.4	3.1	208	-2.1	28.2	66
4/6/2009 2:00	-1	1.7	3.8	200	-2.6	27.3	68
4/6/2009 3:00	2	1.7	3.8	205	-2.8	27.0	68
4/6/2009 4:00	3	1.6	3.6	204	-3.1	26.4	69
4/6/2009 5:00	1	1.6	3.6	207	-3.3	26.1	69
4/6/2009 6:00	-1	1.7	3.8	209	-3.6	25.5	69
4/6/2009 7:00	-5	1.8	4.0	197	-3.2	26.2	66
4/6/2009 8:00	6	2.4	5.4	183	-0.6	30.9	56
4/6/2009 9:00	1	3.4	7.6	170	2.7	36.9	49
4/6/2009 10:00	23	3.8	8.5	157	5.8	42.4	41
4/6/2009 11:00	8	3.1	6.9	170	7.9	46.2	36
4/6/2009 12:00	9	2.8	6.3	177	10.0	50.0	31
4/6/2009 13:00	15	2.6	5.8	175	11.8	53.2	27
4/6/2009 14:00	21	3.0	6.7	199	12.8	55.0	27
4/6/2009 15:00	19	3.7	8.3	28	11.2	52.2	42
4/6/2009 16:00	20	2.6	5.8	34	11.9	53.4	39
4/6/2009 17:00	10	1.4	3.1	44	13.0	55.4	33
4/6/2009 18:00	4	1.5	3.4	221	14.5	58.1	24
4/6/2009 19:00	7	1.1	2.5	343	11.2	52.2	42
4/6/2009 20:00	7	0.8	1.8	264	6.4	43.5	57
4/6/2009 21:00	13	1.0	2.2	182	2.5	36.5	68
4/6/2009 22:00	-1	1.1	2.5	193	3.4	38.1	56
4/6/2009 23:00	9	1.4	3.1	183	4.3	39.7	50
4/7/2009 0:00	12	1.1	2.5	186	2.2	36.0	57
4/7/2009 1:00	8	0.9	2.0	185	0.3	32.5	66
4/7/2009 2:00	6	1.3	2.9	201	-0.8	30.6	72
4/7/2009 3:00	3	1.4	3.1	174	-1.1	30.0	71
4/7/2009 4:00	8	1.4	3.1	179	-1.6	29.1	74
4/7/2009 5:00	4	1.5	3.4	178	-1.9	28.6	73
4/7/2009 6:00	3	1.2	2.7	192	-1.5	29.3	71
4/7/2009 7:00	-1	1.1	2.5	179	-1.1	30.0	68
4/7/2009 8:00	6	2.1	4.7	168	3.0	37.4	55
4/7/2009 9:00	0	3.0	6.7	166	5.5	41.9	48
4/7/2009 10:00	38	2.6	5.8	174	7.8	46.0	45
4/7/2009 11:00	8	2.3	5.1	168	10.9	51.6	34
4/7/2009 12:00	12	2.0	4.5	163	12.6	54.7	28
4/7/2009 13:00	15	2.4	5.4	182	14.5	58.1	22
4/7/2009 14:00	12	3.3	7.4	225	15.3	59.5	19
4/7/2009 15:00	13	3.1	6.9	223	16.3	61.3	16
4/7/2009 16:00	25	2.9	6.5	221	17.0	62.6	15
4/7/2009 17:00	5	3.7	8.3	238	16.6	61.9	16
4/7/2009 18:00	10	3.0	6.7	256	15.9	60.6	17
4/7/2009 19:00	13	1.7	3.8	339	12.7	54.9	35
4/7/2009 20:00	11	1.2	2.7	293	8.7	47.7	47
4/7/2009 21:00	9	1.4	3.1	204	4.5	40.1	60
4/7/2009 22:00	7	0.9	2.0	224	3.6	38.5	61

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
4/7/2009 23:00	19	0.9	2.0	207	2.7	36.9	63
4/8/2009 0:00	3	1.3	2.9	244	2.2	36.0	65
4/8/2009 1:00	8	1.2	2.7	199	3.0	37.4	63
4/8/2009 2:00	16	1.2	2.7	218	4.5	40.1	56
4/8/2009 3:00	13	1.6	3.6	222	4.6	40.3	56
4/8/2009 4:00	4	1.4	3.1	212	4.5	40.1	56
4/8/2009 5:00	8	1.6	3.6	209	4.1	39.4	58
4/8/2009 6:00	6	1.7	3.8	207	3.7	38.7	59
4/8/2009 7:00	4	1.8	4.0	236	4.6	40.3	54
4/8/2009 8:00	11	1.5	3.4	211	5.8	42.4	51
4/8/2009 9:00	7	1.3	2.9	219	7.5	45.5	46
4/8/2009 10:00	22	1.9	4.3	203	10.5	50.9	38
4/8/2009 11:00	13	3.5	7.8	154	13.6	56.5	32
4/8/2009 12:00	23	4.8	10.7	137	15.0	59.0	28
4/8/2009 13:00	40	5.3	11.9	144	15.2	59.4	26
4/8/2009 14:00	32	3.9	8.7	160	15.7	60.3	26
4/8/2009 15:00	27	2.9	6.5	232	14.7	58.5	28
4/8/2009 16:00	21	3.5	7.8	275	12.9	55.2	36
4/8/2009 17:00	26	2.8	6.3	313	12.2	54.0	41
4/8/2009 18:00	24	2.9	6.5	294	10.3	50.5	52
4/8/2009 19:00	9	3.3	7.4	285	8.7	47.7	62
4/8/2009 20:00	8	1.5	3.4	316	8.2	46.8	63
4/8/2009 21:00	15	1.2	2.7	306	7.6	45.7	63
4/8/2009 22:00	6	2.3	5.1	294	6.8	44.2	66
4/8/2009 23:00	10	2.8	6.3	288	5.9	42.6	69
4/9/2009 0:00	15	2.6	5.8	292	5.6	42.1	71
4/9/2009 1:00	2	1.8	4.0	298	5.0	41.0	76
4/9/2009 2:00	3	2.0	4.5	310	4.7	40.5	77
4/9/2009 3:00	11	1.1	2.5	322	4.0	39.2	83
4/9/2009 4:00	5	1.1	2.5	333	3.6	38.5	85
4/9/2009 5:00	12	1.4	3.1	1	3.6	38.5	85
4/9/2009 6:00	10	1.7	3.8	24	3.9	39.0	82
4/9/2009 7:00	8	1.8	4.0	28	3.7	38.7	83
4/9/2009 8:00	17	2.5	5.6	5	3.6	38.5	83
4/9/2009 9:00	0	3.4	7.6	21	3.3	37.9	85
4/9/2009 10:00	14	3.4	7.6	29	3.2	37.8	84
4/9/2009 11:00	5	3.5	7.8	23	3.6	38.5	82
4/9/2009 12:00	-1	4.0	8.9	31	4.6	40.3	77
4/9/2009 13:00	14	4.1	9.2	27	5.4	41.7	72
4/9/2009 14:00	7	3.7	8.3	37	5.1	41.2	70
4/9/2009 15:00	3	3.0	6.7	36	5.7	42.3	66
4/9/2009 16:00	12	2.8	6.3	36	7.0	44.6	62
4/9/2009 17:00	9	2.4	5.4	25	7.2	45.0	59
4/9/2009 18:00	5	2.1	4.7	8	7.2	45.0	58
4/9/2009 19:00	7	1.4	3.1	18	6.1	43.0	64
4/9/2009 20:00	17	0.7	1.6	239	3.6	38.5	73
4/9/2009 21:00	23	0.6	1.3	160	0.5	32.9	83
4/9/2009 22:00	17	0.7	1.6	196	0.0	32.0	84
4/9/2009 23:00	12	0.9	2.0	211	0.0	32.0	83
4/10/2009 0:00	15	1.0	2.2	222	-1.2	29.8	85
4/10/2009 1:00	24	0.8	1.8	215	-1.3	29.7	85
4/10/2009 2:00	6	0.8	1.8	223	-1.0	30.2	83
4/10/2009 3:00	5	0.9	2.0	230	-0.7	30.7	82
4/10/2009 4:00	12	0.7	1.6	236	-1.0	30.2	83
4/10/2009 5:00	6	1.2	2.7	242	-0.4	31.3	81
4/10/2009 6:00	11	1.2	2.7	201	-0.5	31.1	82
4/10/2009 7:00	9	0.8	1.8	222	-1.3	29.7	84
4/10/2009 8:00	-1	0.5	1.1	216	0.5	32.9	78
4/10/2009 9:00	8	1.1	2.5	163	4.8	40.6	64
4/10/2009 10:00	10	1.3	2.9	166	7.7	45.9	53
4/10/2009 11:00	9	1.9	4.3	153	9.7	49.5	46
4/10/2009 12:00	3	2.3	5.1	122	10.3	50.5	46
4/10/2009 13:00	6	1.9	4.3	165	11.8	53.2	38
4/10/2009 14:00	13	2.0	4.5	150	11.8	53.2	37
4/10/2009 15:00	18	2.6	5.8	199	11.2	52.2	41
4/10/2009 16:00	-5	5.1	11.4	252	8.4	47.1	59
4/10/2009 17:00	9	1.9	4.3	258	9.0	48.2	55
4/10/2009 18:00	6	2.2	4.9	21	8.2	46.8	65
4/10/2009 19:00	8	1.5	3.4	330	7.6	45.7	67
4/10/2009 20:00	4	1.0	2.2	268	5.8	42.4	75
4/10/2009 21:00	8	1.3	2.9	1	5.3	41.5	77
4/10/2009 22:00	7	1.0	2.2	271	4.2	39.6	82
4/10/2009 23:00	14	0.9	2.0	174	2.9	37.2	84
4/11/2009 0:00	9	1.0	2.2	223	2.8	37.0	84
4/11/2009 1:00	13	1.0	2.2	181	2.2	36.0	86
4/11/2009 2:00	3	1.0	2.2	225	1.8	35.2	87
4/11/2009 3:00	5	0.9	2.0	223	1.3	34.3	88
4/11/2009 4:00	-5	0.9	2.0	202	0.4	32.7	89
4/11/2009 5:00	16	0.7	1.6	211	-0.1	31.8	90
4/11/2009 6:00	12	0.9	2.0	206	-0.3	31.5	89
4/11/2009 7:00	1	1.2	2.7	206	0.2	32.4	84
4/11/2009 8:00	2	1.0	2.2	192	3.6	38.5	72
4/11/2009 9:00	2	1.4	3.1	145	6.9	44.4	62
4/11/2009 10:00	1	1.4	3.1	225	9.0	48.2	54
4/11/2009 11:00	6	3.7	8.3	243	9.8	49.6	50

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
4/11/2009 12:00	2	3.2	7.2	238	10.2	50.4	47
4/11/2009 13:00	3	3.2	7.2	236	11.8	53.2	40
4/11/2009 14:00	13	4.3	9.6	251	12.1	53.8	38
4/11/2009 15:00	13	4.5	10.1	291	11.6	52.9	47
4/11/2009 16:00	9	2.8	6.3	297	13.0	55.4	37
4/11/2009 17:00	15	3.4	7.6	350	9.8	49.6	58
4/11/2009 18:00	11	2.9	6.5	312	8.5	47.3	62
4/11/2009 19:00	8	2.7	6.0	310	7.5	45.5	63
4/11/2009 20:00	10	2.0	4.5	332	6.5	43.7	68
4/11/2009 21:00	9	2.1	4.7	289	6.0	42.8	66
4/11/2009 22:00	-2	3.1	6.9	285	5.6	42.1	63
4/11/2009 23:00	-5	2.4	5.4	293	5.1	41.2	61
4/12/2009 0:00	6	2.6	5.8	293	4.7	40.5	62
4/12/2009 1:00	-2	3.2	7.2	294	4.9	40.8	61
4/12/2009 2:00	3	3.0	6.7	290	4.7	40.5	57
4/12/2009 3:00	0	3.1	6.9	290	4.2	39.6	59
4/12/2009 4:00	19	1.7	3.8	311	3.4	38.1	60
4/12/2009 5:00	1	1.1	2.5	268	2.3	36.1	64
4/12/2009 6:00	9	0.6	1.3	200	0.3	32.5	69
4/12/2009 7:00	-2	0.8	1.8	193	0.6	33.1	69
4/12/2009 8:00	0	1.5	3.4	246	3.6	38.5	58
4/12/2009 9:00	6	1.6	3.6	251	5.8	42.4	46
4/12/2009 10:00	0	2.9	6.5	250	6.7	44.1	43
4/12/2009 11:00	6	2.5	5.6	232	8.2	46.8	37
4/12/2009 12:00	7	2.7	6.0	222	9.3	48.7	32
4/12/2009 13:00	10	2.6	5.8	225	11.0	51.8	29
4/12/2009 14:00	7	2.9	6.5	231	12.1	53.8	28
4/12/2009 15:00	14	3.2	7.2	239	13.0	55.4	27
4/12/2009 16:00	11	2.9	6.5	231	13.0	55.4	27
4/12/2009 17:00	6	2.8	6.3	225	13.7	56.7	26
4/12/2009 18:00	1	3.2	7.2	235	13.3	55.9	27
4/12/2009 19:00	2	3.0	6.7	249	11.9	53.4	31
4/12/2009 20:00	1	1.3	2.9	219	9.1	48.4	38
4/12/2009 21:00	5	1.4	3.1	169	5.1	41.2	50
4/12/2009 22:00	1	1.0	2.2	201	4.2	39.6	53
4/12/2009 23:00	2	0.9	2.0	236	3.7	38.7	57
4/13/2009 0:00	-2	1.3	2.9	213	5.7	42.3	49
4/13/2009 1:00	-3	1.4	3.1	188	6.5	43.7	47
4/13/2009 2:00	3	2.0	4.5	213	6.2	43.2	50
4/13/2009 3:00	11	3.5	7.8	224	6.5	43.7	58
4/13/2009 4:00	4	2.0	4.5	177	5.3	41.5	61
4/13/2009 5:00	2	2.4	5.4	202	5.1	41.2	66
4/13/2009 6:00	1	2.6	5.8	184	4.3	39.7	74
4/13/2009 7:00	-1	2.1	4.7	188	4.6	40.3	73
4/13/2009 8:00	6	2.6	5.8	203	5.8	42.4	67
4/13/2009 9:00	11	4.0	8.9	217	7.7	45.9	60
4/13/2009 10:00	34	6.2	13.9	260	8.7	47.7	57
4/13/2009 11:00	39	5.5	12.3	24	4.1	39.4	77
4/13/2009 12:00	-5	5.4	12.1	30	2.6	36.7	86
4/13/2009 13:00	-5	5.4	12.1	27	1.1	34.0	89
4/13/2009 14:00	9	3.4	7.6	31	1.0	33.8	89
4/13/2009 15:00	15	3.0	6.7	6	2.4	36.3	86
4/13/2009 16:00	17	2.4	5.4	350	3.7	38.7	83
4/13/2009 17:00	3	2.1	4.7	340	3.2	37.8	83
4/13/2009 18:00	19	2.9	6.5	3	3.3	37.9	78
4/13/2009 19:00	26	1.8	4.0	352	3.6	38.5	74
4/13/2009 20:00	5	1.8	4.0	310	2.7	36.9	71
4/13/2009 21:00	28	1.8	4.0	311	1.7	35.1	71
4/13/2009 22:00	16	2.5	5.6	343	1.1	34.0	74
4/13/2009 23:00	12	2.5	5.6	0	0.9	33.6	68
4/14/2009 0:00	-1	1.9	4.3	347	0.4	32.7	68
4/14/2009 1:00	11	2.7	6.0	23	0.2	32.4	66
4/14/2009 2:00	23	AO	AO	29	-0.7	30.7	72
4/14/2009 3:00	20	AO	AO	19	-1.6	29.1	81
4/14/2009 4:00	6	AO	AO	305	-2.0	28.4	82
4/14/2009 5:00	2	AO	AO	267	-2.1	28.2	81
4/14/2009 6:00	7	AO	AO	264	-2.1	28.2	78
4/14/2009 7:00	2	AO	AO	271	-2.0	28.4	80
4/14/2009 8:00	3	AO	AO	286	-1.3	29.7	75
4/14/2009 9:00	10	1.9	4.3	358	-0.7	30.7	65
4/14/2009 10:00	-1	1.6	3.6	3	0.0	32.0	61
4/14/2009 11:00	-2	2.6	5.8	23	0.8	33.4	50
4/14/2009 12:00	6	2.9	6.5	10	1.3	34.3	52
4/14/2009 13:00	5	3.1	6.9	20	1.6	34.9	57
4/14/2009 14:00	20	3.2	7.2	7	2.4	36.3	52
4/14/2009 15:00	19	3.9	8.7	5	2.3	36.1	55
4/14/2009 16:00	17	4.2	9.4	5	1.6	34.9	63
4/14/2009 17:00	14	4.1	9.2	6	1.0	33.8	67
4/14/2009 18:00	40	4.6	10.3	19	0.2	32.4	70
4/14/2009 19:00	37	4.6	10.3	1	-0.8	30.6	78
4/14/2009 20:00	7	3.6	8.1	338	-1.2	29.8	83
4/14/2009 21:00	17	2.4	5.4	319	-1.1	30.0	78
4/14/2009 22:00	7	3.1	6.9	342	-0.8	30.6	72
4/14/2009 23:00	9	2.6	5.8	338	-0.9	30.4	73
4/15/2009 0:00	3	3.3	7.4	347	-1.3	29.7	79

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
4/15/2009 1:00	21	5.8	13.0	6	-1.3	29.7	77
4/15/2009 2:00	8	7.5	16.8	6	-1.8	28.8	71
4/15/2009 3:00	0	6.9	15.4	2	-2.3	27.9	70
4/15/2009 4:00	2	6.3	14.1	0	-2.3	27.9	69
4/15/2009 5:00	-2	5.5	12.3	354	-2.5	27.5	71
4/15/2009 6:00	10	5.3	11.9	355	-2.6	27.3	73
4/15/2009 7:00	20	4.4	9.8	346	-3.0	26.6	77
4/15/2009 8:00	67	4.5	10.1	346	-3.3	26.1	80
4/15/2009 9:00	15	5.0	11.2	353	-3.1	26.4	80
4/15/2009 10:00	2	6.0	13.4	359	-1.9	28.6	75
4/15/2009 11:00	29	6.2	13.9	356	-1.2	29.8	70
4/15/2009 12:00	36	7.1	15.9	359	-0.6	30.9	66
4/15/2009 13:00	54	7.2	16.1	8	-0.3	31.5	61
4/15/2009 14:00	48	7.2	16.1	9	0.2	32.4	61
4/15/2009 15:00	31	7.0	15.7	13	0.4	32.7	60
4/15/2009 16:00	7	6.4	14.3	17	0.6	33.1	60
4/15/2009 17:00	6	6.1	13.6	16	0.6	33.1	60
4/15/2009 18:00	1	6.2	13.9	8	0.0	32.0	59
4/15/2009 19:00	5	5.7	12.8	9	-0.5	31.1	62
4/15/2009 20:00	7	4.9	11.0	6	-1.2	29.8	64
4/15/2009 21:00	-2	4.2	9.4	4	-1.5	29.3	65
4/15/2009 22:00	5	4.0	8.9	352	-1.7	28.9	66
4/15/2009 23:00	7	3.8	8.5	357	-1.9	28.6	68
4/16/2009 0:00	10	3.9	8.7	356	-2.0	28.4	69
4/16/2009 1:00	3	3.1	6.9	2	-2.0	28.4	71
4/16/2009 2:00	-2	3.3	7.4	2	-2.1	28.2	73
4/16/2009 3:00	-1	3.6	8.1	3	-2.1	28.2	74
4/16/2009 4:00	6	2.7	6.0	11	-2.0	28.4	75
4/16/2009 5:00	8	2.5	5.6	357	-2.0	28.4	77
4/16/2009 6:00	6	2.2	4.9	9	-1.9	28.6	77
4/16/2009 7:00	12	2.3	5.1	17	-1.8	28.8	77
4/16/2009 8:00	13	2.7	6.0	7	-1.6	29.1	77
4/16/2009 9:00	8	3.1	6.9	2	-1.0	30.2	74
4/16/2009 10:00	19	3.4	7.6	12	-0.4	31.3	70
4/16/2009 11:00	10	3.0	6.7	25	0.3	32.5	68
4/16/2009 12:00	8	2.6	5.8	15	1.2	34.2	65
4/16/2009 13:00	1	2.2	4.9	25	2.2	36.0	61
4/16/2009 14:00	-5	2.0	4.5	32	3.4	38.1	57
4/16/2009 15:00	13	2.0	4.5	29	4.2	39.6	54
4/16/2009 16:00	13	2.3	5.1	29	4.5	40.1	53
4/16/2009 17:00	11	2.3	5.1	12	4.8	40.6	52
4/16/2009 18:00	5	2.2	4.9	358	4.4	39.9	54
4/16/2009 19:00	2	1.7	3.8	344	3.7	38.7	57
4/16/2009 20:00	4	0.6	1.3	289	3.2	37.8	61
4/16/2009 21:00	8	0.7	1.6	244	2.6	36.7	66
4/16/2009 22:00	18	0.7	1.6	155	2.0	35.6	72
4/16/2009 23:00	3	0.8	1.8	161	1.7	35.1	72
4/17/2009 0:00	3	0.8	1.8	214	1.6	34.9	72
4/17/2009 1:00	3	2.7	6.0	258	-0.1	31.8	67
4/17/2009 2:00	5	2.0	4.5	255	-1.7	28.9	70
4/17/2009 3:00	0	1.3	2.9	239	-2.8	27.0	71
4/17/2009 4:00	2	1.1	2.5	232	-3.3	26.1	73
4/17/2009 5:00	0	1.3	2.9	232	-3.9	25.0	75
4/17/2009 6:00	10	1.0	2.2	215	-5.1	22.8	81
4/17/2009 7:00	-5	1.0	2.2	243	-4.1	24.6	78
4/17/2009 8:00	0	1.2	2.7	258	0.4	32.7	60
4/17/2009 9:00	6	1.2	2.7	221	3.5	38.3	53
4/17/2009 10:00	6	2.0	4.5	234	5.6	42.1	46
4/17/2009 11:00	10	2.0	4.5	172	7.2	45.0	44
4/17/2009 12:00	8	2.0	4.5	185	8.8	47.8	43
4/17/2009 13:00	3	2.2	4.9	150	10.7	51.3	40
4/17/2009 14:00	11	1.9	4.3	146	12.3	54.1	37
4/17/2009 15:00	10	2.1	4.7	210	13.9	57.0	25
4/17/2009 16:00	15	2.0	4.5	217	15.0	59.0	23
4/17/2009 17:00	5	2.5	5.6	244	14.8	58.6	24
4/17/2009 18:00	19	4.4	9.8	12	13.2	55.8	36
4/17/2009 19:00	12	2.2	4.9	2	10.9	51.6	42
4/17/2009 20:00	22	1.2	2.7	232	9.3	48.7	43
4/17/2009 21:00	14	1.5	3.4	262	7.9	46.2	43
4/17/2009 22:00	52	4.1	9.2	285	8.5	47.3	41
4/17/2009 23:00	18	3.9	8.7	285	7.0	44.6	51
4/18/2009 0:00	4	2.6	5.8	311	6.4	43.5	55
4/18/2009 1:00	9	2.4	5.4	312	6.0	42.8	57
4/18/2009 2:00	9	0.9	2.0	253	3.6	38.5	66
4/18/2009 3:00	5	0.7	1.6	248	1.6	34.9	69
4/18/2009 4:00	3	1.1	2.5	178	1.6	34.9	69
4/18/2009 5:00	3	1.3	2.9	247	0.4	32.7	70
4/18/2009 6:00	7	0.7	1.6	132	0.6	33.1	72
4/18/2009 7:00	7	1.1	2.5	231	2.4	36.3	68
4/18/2009 8:00	3	2.1	4.7	273	6.1	43.0	51
4/18/2009 9:00	11	3.6	8.1	281	7.0	44.6	45
4/18/2009 10:00	12	3.9	8.7	279	8.4	47.1	34
4/18/2009 11:00	15	4.5	10.1	271	9.6	49.3	29
4/18/2009 12:00	22	4.5	10.1	265	10.4	50.7	25
4/18/2009 13:00	10	2.4	5.4	283	11.7	53.1	20
4/18/2009 14:00	7	2.7	6.0	356	12.4	54.3	21

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
4/18/2009 15:00	14	2.6	5.8	20	13.0	55.4	21
4/18/2009 16:00	9	2.8	6.3	27	13.4	56.1	21
4/18/2009 17:00	7	3.1	6.9	13	13.3	55.9	19
4/18/2009 18:00	6	3.7	8.3	29	12.8	55.0	21
4/18/2009 19:00	13	2.1	4.7	336	11.9	53.4	20
4/18/2009 20:00	10	0.9	2.0	309	8.2	46.8	29
4/18/2009 21:00	13	1.3	2.9	288	5.4	41.7	38
4/18/2009 22:00	25	1.1	2.5	187	1.7	35.1	50
4/18/2009 23:00	28	1.0	2.2	201	0.7	33.3	53
4/19/2009 0:00	-3	1.0	2.2	207	0.0	32.0	55
4/19/2009 1:00	-1	1.3	2.9	201	1.2	34.2	52
4/19/2009 2:00	15	1.1	2.5	211	0.5	32.9	55
4/19/2009 3:00	11	1.7	3.8	182	0.5	32.9	56
4/19/2009 4:00	7	1.6	3.6	191	0.0	32.0	58
4/19/2009 5:00	3	1.5	3.4	182	-0.7	30.7	61
4/19/2009 6:00	2	1.6	3.6	178	-0.2	31.6	58
4/19/2009 7:00	-1	1.9	4.3	146	1.2	34.2	55
4/19/2009 8:00	16	2.3	5.1	164	4.4	39.9	46
4/19/2009 9:00	17	2.3	5.1	168	8.8	47.8	34
4/19/2009 10:00	14	2.0	4.5	190	10.5	50.9	28
4/19/2009 11:00	17	3.5	7.8	241	12.5	54.5	25
4/19/2009 12:00	28	4.0	8.9	265	14.4	57.9	24
4/19/2009 13:00	22	4.9	11.0	274	15.9	60.6	23
4/19/2009 14:00	25	6.1	13.6	264	16.2	61.2	24
4/19/2009 15:00	9	5.1	11.4	279	15.2	59.4	29
4/19/2009 16:00	9	4.1	9.2	283	14.4	57.9	34
4/19/2009 17:00	9	2.9	6.5	312	14.7	58.5	33
4/19/2009 18:00	12	2.8	6.3	287	14.6	58.3	33
4/19/2009 19:00	15	2.9	6.5	278	14.2	57.6	33
4/19/2009 20:00	6	2.0	4.5	280	12.3	54.1	37
4/19/2009 21:00	10	1.4	3.1	247	9.4	48.9	46
4/19/2009 22:00	9	1.0	2.2	249	6.3	43.3	55
4/19/2009 23:00	10	2.0	4.5	198	6.6	43.9	55
4/20/2009 0:00	-1	1.3	2.9	178	5.8	42.4	57
4/20/2009 1:00	7	1.7	3.8	182	5.7	42.3	58
4/20/2009 2:00	0	1.6	3.6	150	5.3	41.5	59
4/20/2009 3:00	2	1.4	3.1	207	7.2	45.0	51
4/20/2009 4:00	-4	1.2	2.7	197	7.3	45.1	51
4/20/2009 5:00	3	1.5	3.4	168	4.6	40.3	59
4/20/2009 6:00	-5	2.0	4.5	227	6.6	43.9	52
4/20/2009 7:00	4	2.0	4.5	221	7.2	45.0	50
4/20/2009 8:00	13	3.2	7.2	231	9.3	48.7	45
4/20/2009 9:00	28	2.3	5.1	240	11.1	52.0	40
4/20/2009 10:00	19	1.7	3.8	204	15.4	59.7	29
4/20/2009 11:00	26	4.4	9.8	283	17.7	63.9	24
4/20/2009 12:00	3	4.9	11.0	284	18.9	66.0	21
4/20/2009 13:00	15	6.1	13.6	275	19.7	67.5	19
4/20/2009 14:00	10	5.6	12.5	280	19.9	67.8	18
4/20/2009 15:00	14	5.0	11.2	279	19.5	67.1	19
4/20/2009 16:00	20	5.3	11.9	283	20.1	68.2	18
4/20/2009 17:00	10	5.1	11.4	278	19.5	67.1	17
4/20/2009 18:00	4	4.7	10.5	280	18.7	65.7	17
4/20/2009 19:00	12	3.8	8.5	296	18.7	65.7	17
4/20/2009 20:00	4	2.5	5.6	288	16.5	61.7	21
4/20/2009 21:00	12	1.9	4.3	280	15.3	59.5	24
4/20/2009 22:00	16	1.5	3.4	222	11.7	53.1	34
4/20/2009 23:00	2	1.1	2.5	192	5.8	42.4	53
4/21/2009 0:00	-1	1.7	3.8	226	7.0	44.6	48
4/21/2009 1:00	2	1.2	2.7	188	6.2	43.2	50
4/21/2009 2:00	2	1.6	3.6	187	4.8	40.6	55
4/21/2009 3:00	8	1.5	3.4	180	4.9	40.8	55
4/21/2009 4:00	10	1.7	3.8	190	3.7	38.7	59
4/21/2009 5:00	6	1.4	3.1	193	3.7	38.7	59
4/21/2009 6:00	5	1.6	3.6	191	3.3	37.9	61
4/21/2009 7:00	15	2.3	5.1	177	5.7	42.3	53
4/21/2009 8:00	30	2.7	6.0	168	9.4	48.9	45
4/21/2009 9:00	28	2.8	6.3	165	13.8	56.8	36
4/21/2009 10:00	29	2.7	6.0	190	17.0	62.6	28
4/21/2009 11:00	43	2.4	5.4	208	19.2	66.6	21
4/21/2009 12:00	27	3.0	6.7	237	20.6	69.1	19
4/21/2009 13:00	17	4.0	8.9	268	21.7	71.1	15
4/21/2009 14:00	20	4.4	9.8	283	22.3	72.1	14
4/21/2009 15:00	10	4.1	9.2	278	22.6	72.7	14
4/21/2009 16:00	5	4.6	10.3	277	22.6	72.7	12
4/21/2009 17:00	26	4.3	9.6	285	22.4	72.3	12
4/21/2009 18:00	13	4.2	9.4	286	21.6	70.9	14
4/21/2009 19:00	13	2.9	6.5	286	20.4	68.7	18
4/21/2009 20:00	28	1.5	3.4	276	16.9	62.4	26
4/21/2009 21:00	20	1.9	4.3	283	15.2	59.4	31
4/21/2009 22:00	10	1.3	2.9	196	9.7	49.5	47
4/21/2009 23:00	16	1.5	3.4	175	7.8	46.0	53
4/22/2009 0:00	15	1.5	3.4	178	7.5	45.5	56
4/22/2009 1:00	18	1.2	2.7	201	7.4	45.3	59
4/22/2009 2:00	16	1.4	3.1	191	8.2	46.8	56
4/22/2009 3:00	9	1.3	2.9	152	6.3	43.3	61

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
4/22/2009 4:00	9	1.9	4.3	192	8.4	47.1	55
4/22/2009 5:00	10	1.3	2.9	201	7.3	45.1	59
4/22/2009 6:00	9	1.5	3.4	172	4.1	39.4	69
4/22/2009 7:00	15	1.5	3.4	180	5.8	42.4	65
4/22/2009 8:00	15	2.3	5.1	171	10.6	51.1	51
4/22/2009 9:00	27	3.7	8.3	239	14.0	57.2	41
4/22/2009 10:00	41	4.5	10.1	235	15.6	60.1	36
4/22/2009 11:00	39	4.0	8.9	232	17.8	64.0	29
4/22/2009 12:00	235	4.0	8.9	227	19.1	66.4	23
4/22/2009 13:00	105	4.1	9.2	228	20.0	68.0	20
4/22/2009 14:00	105	3.7	8.3	231	20.6	69.1	21
4/22/2009 15:00	117	5.5	12.3	242	21.1	70.0	13
4/22/2009 16:00	75	6.3	14.1	262	21.1	70.0	10
4/22/2009 17:00	17	5.5	12.3	265	20.9	69.6	10
4/22/2009 18:00	15	4.6	10.3	277	20.3	68.5	10
4/22/2009 19:00	12	2.9	6.5	294	17.6	63.7	19
4/22/2009 20:00	32	1.8	4.0	276	13.9	57.0	28
4/22/2009 21:00	17	1.3	2.9	241	9.5	49.1	37
4/22/2009 22:00	41	1.0	2.2	207	7.1	44.8	45
4/22/2009 23:00	3	1.3	2.9	190	4.4	39.9	51
4/23/2009 0:00	9	1.2	2.7	162	3.4	38.1	53
4/23/2009 1:00	4	1.4	3.1	282	4.3	39.7	56
4/23/2009 2:00	18	2.3	5.1	359	8.1	46.6	47
4/23/2009 3:00	21	1.4	3.1	282	6.9	44.4	53
4/23/2009 4:00	19	1.4	3.1	233	5.5	41.9	59
4/23/2009 5:00	9	1.0	2.2	308	4.0	39.2	65
4/23/2009 6:00	22	0.9	2.0	238	3.5	38.3	66
4/23/2009 7:00	75	1.0	2.2	176	3.4	38.1	68
4/23/2009 8:00	42	2.0	4.5	314	7.0	44.6	57
4/23/2009 9:00	34	3.9	8.7	10	9.2	48.6	53
4/23/2009 10:00	248	7.3	16.3	25	8.4	47.1	55
4/23/2009 11:00	241	8.5	19.0	24	5.2	41.4	61
4/23/2009 12:00	90	7.8	17.4	20	2.8	37.0	70
4/23/2009 13:00	98	7.0	15.7	20	1.4	34.5	78
4/23/2009 14:00	86	4.1	9.2	25	-0.4	31.3	89
4/23/2009 15:00	29	2.3	5.1	21	-0.6	30.9	89
4/23/2009 16:00	42	1.7	3.8	359	-0.9	30.4	90
4/23/2009 17:00	17	1.4	3.1	337	-1.7	28.9	90
4/23/2009 18:00	4	0.4	0.9	318	-2.0	28.4	90
4/23/2009 19:00	3	AO	AO	349	-2.0	28.4	90
4/23/2009 20:00	11	AO	AO	19	-2.6	27.3	89
4/23/2009 21:00	1	AO	AO	260	-2.9	26.8	90
4/23/2009 22:00	7	AO	AO	253	-2.9	26.8	90
4/23/2009 23:00	0	AO	AO	259	-2.7	27.1	90
4/24/2009 0:00	8	AO	AO	305	-2.8	27.0	89
4/24/2009 1:00	-2	AO	AO	248	-3.3	26.1	89
4/24/2009 2:00	7	AO	AO	258	-3.7	25.3	88
4/24/2009 3:00	-5	0.5	1.1	348	-3.7	25.3	89
4/24/2009 4:00	1	1.5	3.4	345	-3.4	25.9	89
4/24/2009 5:00	-2	1.2	2.7	358	-3.8	25.2	89
4/24/2009 6:00	16	0.6	1.3	311	-4.2	24.4	86
4/24/2009 7:00	-5	0.6	1.3	172	-5.1	22.8	85
4/24/2009 8:00	14	0.8	1.8	142	-2.2	28.0	82
4/24/2009 9:00	6	1.1	2.5	148	-0.3	31.5	76
4/24/2009 10:00	3	2.0	4.5	212	1.3	34.3	57
4/24/2009 11:00	2	2.7	6.0	296	1.3	34.3	47
4/24/2009 12:00	4	3.4	7.6	294	2.8	37.0	45
4/24/2009 13:00	1	3.7	8.3	304	3.9	39.0	38
4/24/2009 14:00	1	3.4	7.6	316	4.7	40.5	32
4/24/2009 15:00	-2	3.2	7.2	299	5.8	42.4	29
4/24/2009 16:00	9	3.9	8.7	301	6.4	43.5	27
4/24/2009 17:00	14	4.2	9.4	301	6.2	43.2	27
4/24/2009 18:00	5	3.5	7.8	305	5.7	42.3	28
4/24/2009 19:00	6	3.1	6.9	298	4.6	40.3	30
4/24/2009 20:00	13	2.3	5.1	287	2.8	37.0	34
4/24/2009 21:00	13	1.3	2.9	297	1.2	34.2	42
4/24/2009 22:00	8	1.1	2.5	283	0.2	32.4	45
4/24/2009 23:00	23	1.0	2.2	219	-1.6	29.1	54
4/25/2009 0:00	8	0.7	1.6	161	-5.3	22.5	74
4/25/2009 1:00	12	0.8	1.8	207	-6.1	21.0	75
4/25/2009 2:00	9	1.0	2.2	167	-6.6	20.1	73
4/25/2009 3:00	11	1.0	2.2	196	-7.2	19.0	75
4/25/2009 4:00	23	0.9	2.0	216	-6.6	20.1	73
4/25/2009 5:00	14	1.2	2.7	184	-7.4	18.7	73
4/25/2009 6:00	9	0.8	1.8	208	-6.8	19.8	72
4/25/2009 7:00	21	1.4	3.1	198	-4.2	24.4	62
4/25/2009 8:00	1	2.0	4.5	175	-0.6	30.9	52
4/25/2009 9:00	5	2.4	5.4	163	2.1	35.8	42
4/25/2009 10:00	11	2.0	4.5	211	3.9	39.0	31
4/25/2009 11:00	6	1.5	3.4	325	5.0	41.0	27
4/25/2009 12:00	3	2.0	4.5	45	5.8	42.4	24
4/25/2009 13:00	13	2.7	6.0	35	7.0	44.6	25
4/25/2009 14:00	6	2.7	6.0	40	7.9	46.2	26
4/25/2009 15:00	6	3.6	8.1	26	7.8	46.0	28
4/25/2009 16:00	17	2.5	5.6	8	8.3	46.9	28
4/25/2009 17:00	3	3.4	7.6	9	7.9	46.2	31

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
4/25/2009 18:00	14	3.6	8.1	6	6.6	43.9	37
4/25/2009 19:00	13	4.2	9.4	355	5.7	42.3	46
4/25/2009 20:00	6	3.4	7.6	359	3.7	38.7	58
4/25/2009 21:00	9	4.2	9.4	29	1.1	34.0	76
4/25/2009 22:00	11	1.9	4.3	320	0.3	32.5	77
4/25/2009 23:00	16	2.0	4.5	351	0.3	32.5	78
4/26/2009 0:00	8	1.0	2.2	298	0.0	32.0	79
4/26/2009 1:00	4	1.5	3.4	340	0.2	32.4	77
4/26/2009 2:00	4	1.8	4.0	354	0.1	32.2	75
4/26/2009 3:00	11	2.3	5.1	2	0.1	32.2	73
4/26/2009 4:00	3	2.2	4.9	4	0.1	32.2	74
4/26/2009 5:00	9	2.3	5.1	22	-0.7	30.7	85
4/26/2009 6:00	19	3.4	7.6	26	-1.1	30.0	88
4/26/2009 7:00	10	2.5	5.6	29	-1.1	30.0	88
4/26/2009 8:00	3	2.9	6.5	17	-1.0	30.2	89
4/26/2009 9:00	2	4.2	9.4	4	0.0	32.0	82
4/26/2009 10:00	5	5.3	11.9	11	1.2	34.2	74
4/26/2009 11:00	11	5.4	12.1	20	2.5	36.5	67
4/26/2009 12:00	-5	4.9	11.0	18	3.3	37.9	61
4/26/2009 13:00	24	5.1	11.4	19	4.4	39.9	53
4/26/2009 14:00	0	5.1	11.4	23	4.7	40.5	50
4/26/2009 15:00	9	5.3	11.9	26	5.2	41.4	47
4/26/2009 16:00	4	5.2	11.6	19	5.4	41.7	46
4/26/2009 17:00	5	4.7	10.5	21	5.3	41.5	44
4/26/2009 18:00	2	3.9	8.7	8	4.9	40.8	44
4/26/2009 19:00	7	3.1	6.9	347	3.2	37.8	50
4/26/2009 20:00	10	1.2	2.7	328	1.1	34.0	59
4/26/2009 21:00	-5	0.8	1.8	333	-1.0	30.2	68
4/26/2009 22:00	14	0.9	2.0	245	-2.4	27.7	72
4/26/2009 23:00	33	0.7	1.6	149	-4.4	24.1	78
4/27/2009 0:00	19	0.7	1.6	196	-4.7	23.5	80
4/27/2009 1:00	2	0.7	1.6	195	-5.0	23.0	80
4/27/2009 2:00	16	0.8	1.8	217	-6.1	21.0	82
4/27/2009 3:00	1	0.7	1.6	227	-6.8	19.8	84
4/27/2009 4:00	22	0.6	1.3	234	-6.8	19.8	84
4/27/2009 5:00	13	1.1	2.5	221	-4.8	23.4	78
4/27/2009 6:00	4	1.2	2.7	231	-4.3	24.3	76
4/27/2009 7:00	10	1.6	3.6	216	-2.9	26.8	72
4/27/2009 8:00	17	2.0	4.5	201	-0.3	31.5	66
4/27/2009 9:00	15	3.4	7.6	148	3.1	37.6	54
4/27/2009 10:00	14	3.3	7.4	137	5.1	41.2	48
4/27/2009 11:00	25	3.3	7.4	160	6.5	43.7	41
4/27/2009 12:00	22	2.7	6.0	194	7.2	45.0	37
4/27/2009 13:00	6	4.6	10.3	131	8.2	46.8	39
4/27/2009 14:00	8	3.9	8.7	126	8.4	47.1	41
4/27/2009 15:00	30	3.8	8.5	12	6.8	44.2	50
4/27/2009 16:00	6	BA	BA	BA	4.5	40.1	65
4/27/2009 17:00	8	2.0	4.5	50	4.0	39.2	74
4/27/2009 18:00	-3	3.4	7.6	27	3.5	38.3	77
4/27/2009 19:00	-5	5.1	11.4	358	1.4	34.5	82
4/27/2009 20:00	37	5.2	11.6	12	-0.1	31.8	81
4/27/2009 21:00	23	4.0	8.9	7	-1.6	29.1	89
4/27/2009 22:00	1	3.9	8.7	5	-2.5	27.5	89
4/27/2009 23:00	50	4.0	8.9	15	-2.8	27.0	89
4/28/2009 0:00	-5	3.8	8.5	14	-3.3	26.1	88
4/28/2009 1:00	3	3.3	7.4	22	-3.3	26.1	86
4/28/2009 2:00	-1	2.6	5.8	31	-3.1	26.4	84
4/28/2009 3:00	2	1.6	3.6	25	-3.1	26.4	82
4/28/2009 4:00	2	2.4	5.4	17	-3.0	26.6	79
4/28/2009 5:00	-5	2.6	5.8	21	-2.9	26.8	77
4/28/2009 6:00	-5	2.7	6.0	26	-2.9	26.8	78
4/28/2009 7:00	-4	2.6	5.8	22	-3.1	26.4	83
4/28/2009 8:00	7	2.8	6.3	15	-2.6	27.3	80
4/28/2009 9:00	13	2.0	4.5	25	-1.8	28.8	75
4/28/2009 10:00	18	3.7	8.3	1	-1.3	29.7	80
4/28/2009 11:00	26	4.0	8.9	4	-1.2	29.8	86
4/28/2009 12:00	32	5.2	11.6	1	-0.8	30.6	88
4/28/2009 13:00	36	5.7	12.8	358	-0.9	30.4	86
4/28/2009 14:00	58	6.1	13.6	1	-1.4	29.5	87
4/28/2009 15:00	46	6.7	15.0	2	-1.6	29.1	87
4/28/2009 16:00	22	6.6	14.8	359	-1.8	28.8	87
4/28/2009 17:00	4	6.3	14.1	356	-1.4	29.5	83
4/28/2009 18:00	8	5.2	11.6	349	-1.2	29.8	76
4/28/2009 19:00	-1	4.6	10.3	349	-1.4	29.5	76
4/28/2009 20:00	-5	4.4	9.8	349	-1.6	29.1	77
4/28/2009 21:00	-1	4.7	10.5	349	-1.8	28.8	77
4/28/2009 22:00	5	4.2	9.4	352	-1.7	28.9	77
4/28/2009 23:00	14	3.2	7.2	344	-2.4	27.7	86
4/29/2009 0:00	-3	2.4	5.4	335	-2.6	27.3	89
4/29/2009 1:00	0	2.1	4.7	326	-2.5	27.5	89
4/29/2009 2:00	12	3.1	6.9	347	-2.7	27.1	89
4/29/2009 3:00	3	3.0	6.7	342	-2.8	27.0	89
4/29/2009 4:00	17	3.6	8.1	353	-3.1	26.4	89
4/29/2009 5:00	-5	4.0	8.9	358	-3.4	25.9	89
4/29/2009 6:00	1	3.7	8.3	356	-3.7	25.3	88

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
4/29/2009 7:00	3	3.2	7.2	0	-3.7	25.3	87
4/29/2009 8:00	14	4.1	9.2	6	-3.5	25.7	84
4/29/2009 9:00	9	4.4	9.8	6	-3.5	25.7	77
4/29/2009 10:00	2	3.9	8.7	7	-2.5	27.5	70
4/29/2009 11:00	0	3.9	8.7	8	-1.2	29.8	64
4/29/2009 12:00	-1	4.9	11.0	18	-0.7	30.7	61
4/29/2009 13:00	-2	5.1	11.4	10	-0.4	31.3	63
4/29/2009 14:00	0	4.9	11.0	7	0.1	32.2	63
4/29/2009 15:00	-2	5.0	11.2	6	0.6	33.1	66
4/29/2009 16:00	-4	5.9	13.2	3	0.6	33.1	64
4/29/2009 17:00	2	6.0	13.4	3	-0.2	31.6	62
4/29/2009 18:00	-3	6.2	13.9	5	-0.9	30.4	64
4/29/2009 19:00	-2	5.9	13.2	7	-1.7	28.9	66
4/29/2009 20:00	7	4.8	10.7	357	-2.4	27.7	68
4/29/2009 21:00	6	4.6	10.3	358	-2.7	27.1	70
4/29/2009 22:00	0	4.0	8.9	359	-2.9	26.8	72
4/29/2009 23:00	16	3.5	7.8	0	-3.1	26.4	74
4/30/2009 0:00	0	2.6	5.8	14	-3.2	26.2	74
4/30/2009 1:00	0	2.4	5.4	13	-3.4	25.9	75
4/30/2009 2:00	14	1.6	3.6	6	-3.6	25.5	77
4/30/2009 3:00	3	1.4	3.1	25	-3.6	25.5	76
4/30/2009 4:00	17	0.5	1.1	117	-4.0	24.8	80
4/30/2009 5:00	-5	1.2	2.7	17	-4.3	24.3	83
4/30/2009 6:00	-1	1.3	2.9	11	-4.6	23.7	86
4/30/2009 7:00	23	1.1	2.5	39	-4.2	24.4	83
4/30/2009 8:00	8	0.6	1.3	41	-3.2	26.2	76
4/30/2009 9:00	2	0.5	1.1	78	-1.4	29.5	67
4/30/2009 10:00	9	1.0	2.2	13	-0.7	30.7	65
4/30/2009 11:00	3	1.3	2.9	359	-0.5	31.1	67
4/30/2009 12:00	-4	1.8	4.0	43	0.8	33.4	67
4/30/2009 13:00	3	2.0	4.5	3	1.5	34.7	64
4/30/2009 14:00	7	2.2	4.9	39	2.7	36.9	63
4/30/2009 15:00	0	2.6	5.8	22	3.4	38.1	60
4/30/2009 16:00	1	3.0	6.7	16	4.1	39.4	56
4/30/2009 17:00	2	2.7	6.0	351	3.3	37.9	58
4/30/2009 18:00	15	1.6	3.6	305	3.4	38.1	59
4/30/2009 19:00	3	1.4	3.1	285	2.6	36.7	64
4/30/2009 20:00	-5	1.9	4.3	279	1.7	35.1	71
4/30/2009 21:00	15	1.5	3.4	259	0.8	33.4	79
4/30/2009 22:00	1	0.7	1.6	128	0.0	32.0	81
4/30/2009 23:00	11	0.8	1.8	180	-1.5	29.3	84
5/1/2009 0:00	7	0.9	2.0	240	-1.5	29.3	79

BA = Routine maintenance / repairs

AO = Bad Weather

Table 6
Warm Springs Site Hourly Average Data
Met One E-BAM
April 2009

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
4/1/2009 1:00	2	0.8	1.8	221	-4.1	24.6	85
4/1/2009 2:00	-2	2.3	5.1	329	-4.1	24.6	69
4/1/2009 3:00	-3	1.1	2.5	111	-5.2	22.6	73
4/1/2009 4:00	3	0.9	2.0	160	-6.4	20.5	76
4/1/2009 5:00	-5	1.1	2.5	121	-5.5	22.1	75
4/1/2009 6:00	-5	1.0	2.2	94	-5.0	23.0	75
4/1/2009 7:00	-2	0.6	1.3	42	-4.7	23.5	77
4/1/2009 8:00	-5	1.0	2.2	106	-4.0	24.8	75
4/1/2009 9:00	-5	0.9	2.0	266	-3.3	26.1	66
4/1/2009 10:00	-5	0.9	2.0	350	-1.3	29.7	62
4/1/2009 11:00	2	1.0	2.2	309	1.4	34.5	48
4/1/2009 12:00	-4	1.5	3.4	328	1.3	34.3	48
4/1/2009 13:00	0	1.3	2.9	13	2.2	36.0	43
4/1/2009 14:00	2	1.5	3.4	14	2.8	37.0	42
4/1/2009 15:00	BA	1.5	3.4	113	2.2	36.0	43
4/1/2009 16:00	-5	2.1	4.7	14	2.0	35.6	50
4/1/2009 17:00	-5	1.4	3.1	42	1.2	34.2	53
4/1/2009 18:00	AV	AV	AV	AV	AV	AV	AV
4/1/2009 19:00	AV	AV	AV	AV	AV	AV	AV
4/1/2009 20:00	6	0.8	1.8	168	-1.2	29.8	62
4/1/2009 21:00	-5	1.6	3.6	222	-1.5	29.3	61
4/1/2009 22:00	-1	1.5	3.4	180	-2.5	27.5	69
4/1/2009 23:00	-5	1.8	4.0	174	-2.7	27.1	70
4/2/2009 0:00	2	2.3	5.1	200	-2.4	27.7	69
4/2/2009 1:00	3	2.4	5.4	212	-2.5	27.5	70
4/2/2009 2:00	-2	3.0	6.7	209	-2.6	27.3	71
4/2/2009 3:00	-3	3.6	8.1	210	-2.1	28.2	69
4/2/2009 4:00	-3	4.0	8.9	193	-2.1	28.2	68
4/2/2009 5:00	-3	3.6	8.1	162	-2.4	27.7	67
4/2/2009 6:00	-1	3.7	8.3	156	-2.2	28.0	66
4/2/2009 7:00	-5	4.0	8.9	166	-1.8	28.8	65
4/2/2009 8:00	4	3.6	8.1	164	-1.0	30.2	62
4/2/2009 9:00	-5	3.8	8.5	168	0.4	32.7	58
4/2/2009 10:00	4	3.8	8.5	165	2.1	35.8	55
4/2/2009 11:00	-3	3.2	7.2	174	3.2	37.8	54
4/2/2009 12:00	5	4.2	9.4	183	2.9	37.2	61
4/2/2009 13:00	2	5.0	11.2	193	3.7	38.7	59
4/2/2009 14:00	6	3.3	7.4	194	4.2	39.6	62
4/2/2009 15:00	-4	2.3	5.1	23	2.1	35.8	79
4/2/2009 16:00	-4	1.5	3.4	26	2.4	36.3	73
4/2/2009 17:00	5	1.7	3.8	351	3.0	37.4	63
4/2/2009 18:00	-4	1.8	4.0	15	1.6	34.9	75
4/2/2009 19:00	7	1.4	3.1	49	-0.4	31.3	87
4/2/2009 20:00	7	1.1	2.5	20	-0.6	30.9	85
4/2/2009 21:00	2	0.7	1.6	354	-1.3	29.7	84
4/2/2009 22:00	0	0.9	2.0	263	-4.0	24.8	88
4/2/2009 23:00	11	AO	AO	AO	-4.9	23.2	89
4/3/2009 0:00	10	AO	AO	AO	-5.0	23.0	88
4/3/2009 1:00	-5	AO	AO	AO	-5.9	21.4	88
4/3/2009 2:00	-5	AO	AO	AO	-6.8	19.8	87
4/3/2009 3:00	6	AO	AO	AO	-5.6	21.9	88
4/3/2009 4:00	5	AO	AO	AO	-5.4	22.3	87
4/3/2009 5:00	-5	AO	AO	AO	-7.0	19.4	86
4/3/2009 6:00	3	AO	AO	AO	-7.9	17.8	85
4/3/2009 7:00	-4	AO	AO	AO	-7.8	18.0	85
4/3/2009 8:00	6	AO	AO	AO	-5.3	22.5	84
4/3/2009 9:00	-5	0.7	1.6	95	-1.7	28.9	69
4/3/2009 10:00	6	1.2	2.7	31	-0.2	31.6	64
4/3/2009 11:00	2	2.2	4.9	346	-0.1	31.8	67
4/3/2009 12:00	5	2.0	4.5	359	1.2	34.2	64
4/3/2009 13:00	4	2.1	4.7	9	2.8	37.0	58
4/3/2009 14:00	6	2.6	5.8	16	3.4	38.1	56
4/3/2009 15:00	4	2.9	6.5	11	3.7	38.7	55
4/3/2009 16:00	-5	4.2	9.4	351	3.2	37.8	61
4/3/2009 17:00	5	4.3	9.6	348	2.5	36.5	60
4/3/2009 18:00	-2	3.7	8.3	351	1.3	34.3	58
4/3/2009 19:00	-4	3.2	7.2	0	0.7	33.3	61
4/3/2009 20:00	10	2.5	5.6	9	-0.1	31.8	67
4/3/2009 21:00	-5	2.3	5.1	13	-0.5	31.1	70
4/3/2009 22:00	15	2.5	5.6	2	-1.2	29.8	72
4/3/2009 23:00	0	3.6	8.1	358	-1.8	28.8	73
4/4/2009 0:00	4	3.0	6.7	357	-2.0	28.4	73
4/4/2009 1:00	2	2.9	6.5	355	-2.2	28.0	73
4/4/2009 2:00	4	2.9	6.5	348	-2.2	28.0	73
4/4/2009 3:00	2	2.6	5.8	353	-2.3	27.9	73
4/4/2009 4:00	0	2.8	6.3	358	-2.4	27.7	74
4/4/2009 5:00	9	2.9	6.5	354	-2.7	27.1	74
4/4/2009 6:00	6	2.6	5.8	349	-3.0	26.6	75
4/4/2009 7:00	-5	2.6	5.8	350	-2.8	27.0	74
4/4/2009 8:00	-5	2.3	5.1	12	-1.8	28.8	68

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
4/4/2009 9:00	-5	1.7	3.8	30	-1.4	29.5	66
4/4/2009 10:00	4	2.9	6.5	360	1.0	33.8	56
4/4/2009 11:00	-5	3.2	7.2	358	0.4	32.7	56
4/4/2009 12:00	-5	2.9	6.5	359	1.2	34.2	52
4/4/2009 13:00	0	2.6	5.8	8	2.5	36.5	47
4/4/2009 14:00	-3	2.7	6.0	4	3.1	37.6	44
4/4/2009 15:00	0	2.6	5.8	7	3.5	38.3	43
4/4/2009 16:00	-1	2.3	5.1	13	4.0	39.2	38
4/4/2009 17:00	0	1.9	4.3	13	4.1	39.4	35
4/4/2009 18:00	-2	1.8	4.0	2	3.6	38.5	38
4/4/2009 19:00	-4	1.2	2.7	2	1.8	35.2	48
4/4/2009 20:00	3	0.8	1.8	343	-2.6	27.3	69
4/4/2009 21:00	-5	0.8	1.8	1	-3.2	26.2	71
4/4/2009 22:00	5	0.7	1.6	28	-3.6	25.5	71
4/4/2009 23:00	12	0.7	1.6	164	-5.2	22.6	78
4/5/2009 0:00	5	1.1	2.5	150	-6.3	20.7	77
4/5/2009 1:00	9	0.8	1.8	190	-7.4	18.7	79
4/5/2009 2:00	-5	1.2	2.7	165	-7.8	18.0	79
4/5/2009 3:00	2	1.4	3.1	177	-7.5	18.5	77
4/5/2009 4:00	-5	1.4	3.1	176	-8.0	17.6	79
4/5/2009 5:00	26	1.3	2.9	164	-9.1	15.6	81
4/5/2009 6:00	2	1.6	3.6	170	-8.9	16.0	79
4/5/2009 7:00	5	2.1	4.7	176	-7.8	18.0	74
4/5/2009 8:00	-5	2.7	6.0	183	-5.0	23.0	65
4/5/2009 9:00	-5	3.1	6.9	194	-2.5	27.5	60
4/5/2009 10:00	-4	3.1	6.9	195	0.4	32.7	53
4/5/2009 11:00	1	2.0	4.5	190	3.1	37.6	41
4/5/2009 12:00	4	1.9	4.3	195	4.5	40.1	38
4/5/2009 13:00	-2	1.5	3.4	164	5.8	42.4	35
4/5/2009 14:00	BA	1.4	3.1	131	6.9	44.4	30
4/5/2009 15:00	14	1.5	3.4	87	7.8	46.0	25
4/5/2009 16:00	-2	1.7	3.8	33	8.2	46.8	29
4/5/2009 17:00	-2	1.5	3.4	7	8.2	46.8	28
4/5/2009 18:00	-3	1.3	2.9	12	7.7	45.9	27
4/5/2009 19:00	8	0.7	1.6	21	6.2	43.2	31
4/5/2009 20:00	-5	0.8	1.8	271	0.5	32.9	59
4/5/2009 21:00	7	0.8	1.8	213	-2.7	27.1	75
4/5/2009 22:00	-5	1.2	2.7	186	-2.3	27.9	75
4/5/2009 23:00	14	1.1	2.5	148	-2.6	27.3	75
4/6/2009 0:00	-1	1.6	3.6	179	-2.6	27.3	72
4/6/2009 1:00	-5	2.4	5.4	209	-2.1	28.2	69
4/6/2009 2:00	-5	2.4	5.4	223	-2.4	27.7	68
4/6/2009 3:00	9	2.4	5.4	206	-2.7	27.1	68
4/6/2009 4:00	12	2.4	5.4	196	-2.8	27.0	68
4/6/2009 5:00	-5	2.3	5.1	188	-3.2	26.2	69
4/6/2009 6:00	-5	1.7	3.8	136	-3.6	25.5	71
4/6/2009 7:00	7	2.0	4.5	161	-3.1	26.4	68
4/6/2009 8:00	3	3.4	7.6	198	0.2	32.4	55
4/6/2009 9:00	-5	3.0	6.7	192	4.4	39.9	43
4/6/2009 10:00	3	2.6	5.8	172	7.3	45.1	34
4/6/2009 11:00	11	1.6	3.6	34	7.4	45.3	42
4/6/2009 12:00	8	1.8	4.0	41	8.8	47.8	38
4/6/2009 13:00	9	1.7	3.8	41	10.5	50.9	34
4/6/2009 14:00	9	2.1	4.7	20	11.3	52.3	35
4/6/2009 15:00	1	1.9	4.3	18	11.7	53.1	35
4/6/2009 16:00	10	1.4	3.1	354	12.3	54.1	31
4/6/2009 17:00	3	1.1	2.5	11	13.2	55.8	29
4/6/2009 18:00	7	1.3	2.9	3	12.8	55.0	31
4/6/2009 19:00	9	0.8	1.8	355	10.9	51.6	39
4/6/2009 20:00	-5	0.9	2.0	300	3.8	38.8	67
4/6/2009 21:00	0	0.9	2.0	246	0.7	33.3	77
4/6/2009 22:00	16	1.0	2.2	246	-0.7	30.7	80
4/6/2009 23:00	5	1.5	3.4	182	-0.2	31.6	72
4/7/2009 0:00	-3	1.0	2.2	85	-0.3	31.5	70
4/7/2009 1:00	6	1.1	2.5	228	-1.7	28.9	75
4/7/2009 2:00	6	0.9	2.0	149	-1.8	28.8	75
4/7/2009 3:00	-5	1.3	2.9	181	-2.1	28.2	77
4/7/2009 4:00	-5	1.4	3.1	91	-1.7	28.9	74
4/7/2009 5:00	13	1.7	3.8	165	-1.2	29.8	70
4/7/2009 6:00	-3	1.9	4.3	189	-1.6	29.1	73
4/7/2009 7:00	-5	2.8	6.3	190	-0.9	30.4	68
4/7/2009 8:00	-5	3.1	6.9	172	2.0	35.6	60
4/7/2009 9:00	5	3.1	6.9	185	5.7	42.3	51
4/7/2009 10:00	8	3.1	6.9	185	9.0	48.2	42
4/7/2009 11:00	5	2.9	6.5	183	11.3	52.3	32
4/7/2009 12:00	10	2.3	5.1	165	13.0	55.4	25
4/7/2009 13:00	1	2.9	6.5	161	14.4	57.9	21
4/7/2009 14:00	-2	3.9	8.7	191	15.9	60.6	18
4/7/2009 15:00	8	3.7	8.3	195	16.8	62.2	17
4/7/2009 16:00	9	3.3	7.4	205	17.2	63.0	15
4/7/2009 17:00	-1	3.4	7.6	223	16.7	62.1	15
4/7/2009 18:00	6	2.4	5.4	286	15.7	60.3	21
4/7/2009 19:00	-5	1.2	2.7	357	12.0	53.6	38
4/7/2009 20:00	1	0.9	2.0	335	6.6	43.9	56
4/7/2009 21:00	2	0.8	1.8	206	4.5	40.1	63
4/7/2009 22:00	2	1.1	2.5	161	3.5	38.3	68

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
4/7/2009 23:00	10	1.1	2.5	149	2.4	36.3	71
4/8/2009 0:00	3	0.8	1.8	143	1.6	34.9	73
4/8/2009 1:00	1	1.1	2.5	136	1.4	34.5	75
4/8/2009 2:00	8	0.6	1.3	49	0.9	33.6	75
4/8/2009 3:00	3	1.1	2.5	226	2.0	35.6	70
4/8/2009 4:00	-1	1.2	2.7	217	3.6	38.5	61
4/8/2009 5:00	11	1.5	3.4	257	3.0	37.4	61
4/8/2009 6:00	6	1.5	3.4	256	2.5	36.5	62
4/8/2009 7:00	2	1.4	3.1	185	3.0	37.4	62
4/8/2009 8:00	3	1.3	2.9	180	5.1	41.2	57
4/8/2009 9:00	5	1.8	4.0	203	7.4	45.3	47
4/8/2009 10:00	9	1.6	3.6	161	9.8	49.6	41
4/8/2009 11:00	16	1.3	2.9	66	13.6	56.5	32
4/8/2009 12:00	4	2.2	4.9	104	15.3	59.5	26
4/8/2009 13:00	6	5.1	11.4	148	14.7	58.5	27
4/8/2009 14:00	3	4.9	11.0	147	15.1	59.2	27
4/8/2009 15:00	13	3.6	8.1	163	15.2	59.4	26
4/8/2009 16:00	4	3.4	7.6	233	13.3	55.9	32
4/8/2009 17:00	2	2.9	6.5	12	11.5	52.7	43
4/8/2009 18:00	5	2.6	5.8	314	10.1	50.2	51
4/8/2009 19:00	3	1.6	3.6	336	8.6	47.5	60
4/8/2009 20:00	5	0.9	2.0	53	7.9	46.2	63
4/8/2009 21:00	-4	1.2	2.7	329	7.4	45.3	62
4/8/2009 22:00	0	1.3	2.9	209	6.6	43.9	65
4/8/2009 23:00	0	1.7	3.8	215	5.4	41.7	72
4/9/2009 0:00	11	1.0	2.2	151	4.8	40.6	79
4/9/2009 1:00	-3	1.1	2.5	162	4.7	40.5	78
4/9/2009 2:00	6	0.8	1.8	352	4.6	40.3	77
4/9/2009 3:00	4	1.0	2.2	297	3.5	38.3	84
4/9/2009 4:00	8	0.8	1.8	296	3.0	37.4	86
4/9/2009 5:00	8	0.5	1.1	239	2.6	36.7	88
4/9/2009 6:00	5	0.4	0.9	264	2.5	36.5	88
4/9/2009 7:00	9	0.6	1.3	65	3.0	37.4	86
4/9/2009 8:00	-3	1.1	2.5	36	3.1	37.6	84
4/9/2009 9:00	5	1.5	3.4	50	2.8	37.0	84
4/9/2009 10:00	-5	1.5	3.4	53	2.7	36.9	84
4/9/2009 11:00	14	1.5	3.4	38	3.3	37.9	82
4/9/2009 12:00	-1	1.7	3.8	36	4.1	39.4	78
4/9/2009 13:00	8	1.8	4.0	34	4.7	40.5	73
4/9/2009 14:00	3	1.7	3.8	43	4.9	40.8	68
4/9/2009 15:00	2	1.5	3.4	21	6.1	43.0	63
4/9/2009 16:00	5	1.4	3.1	36	7.5	45.5	57
4/9/2009 17:00	6	1.2	2.7	30	7.9	46.2	52
4/9/2009 18:00	3	1.0	2.2	25	7.7	45.9	54
4/9/2009 19:00	2	0.7	1.6	356	6.5	43.7	59
4/9/2009 20:00	-4	0.7	1.6	257	2.7	36.9	75
4/9/2009 21:00	17	0.7	1.6	197	1.2	34.2	82
4/9/2009 22:00	-5	1.2	2.7	157	0.1	32.2	85
4/9/2009 23:00	7	1.0	2.2	156	-0.5	31.1	86
4/10/2009 0:00	2	1.2	2.7	171	-0.3	31.5	85
4/10/2009 1:00	13	1.4	3.1	169	-1.3	29.7	85
4/10/2009 2:00	-5	1.0	2.2	148	-1.9	28.6	87
4/10/2009 3:00	21	1.1	2.5	139	-1.1	30.0	86
4/10/2009 4:00	8	1.0	2.2	166	-1.0	30.2	84
4/10/2009 5:00	12	1.2	2.7	166	-0.9	30.4	84
4/10/2009 6:00	19	0.7	1.6	235	-1.7	28.9	85
4/10/2009 7:00	-5	0.6	1.3	313	-2.4	27.7	87
4/10/2009 8:00	-4	0.8	1.8	163	0.0	32.0	82
4/10/2009 9:00	5	1.4	3.1	168	3.7	38.7	67
4/10/2009 10:00	8	1.3	2.9	164	7.0	44.6	57
4/10/2009 11:00	9	1.4	3.1	138	9.8	49.6	47
4/10/2009 12:00	5	2.0	4.5	182	11.1	52.0	39
4/10/2009 13:00	1	2.1	4.7	140	12.1	53.8	35
4/10/2009 14:00	1	1.8	4.0	139	12.0	53.6	36
4/10/2009 15:00	-5	1.9	4.3	151	11.5	52.7	38
4/10/2009 16:00	-5	4.2	9.4	243	9.4	48.9	53
4/10/2009 17:00	7	1.9	4.3	112	9.3	48.7	52
4/10/2009 18:00	0	1.3	2.9	63	8.2	46.8	63
4/10/2009 19:00	7	1.0	2.2	351	7.8	46.0	65
4/10/2009 20:00	AV	AV	AV	AV	AV	AV	AV
4/10/2009 21:00	AV	AV	AV	AV	AV	AV	AV
4/10/2009 22:00	AV	AV	AV	AV	AV	AV	AV
4/10/2009 23:00	-5	1.0	2.2	222	1.7	35.1	88
4/11/2009 0:00	15	0.8	1.8	199	2.4	36.3	87
4/11/2009 1:00	5	1.0	2.2	149	1.6	34.9	88
4/11/2009 2:00	24	1.0	2.2	162	2.0	35.6	87
4/11/2009 3:00	5	0.9	2.0	199	0.2	32.4	89
4/11/2009 4:00	14	0.8	1.8	221	-0.4	31.3	90
4/11/2009 5:00	-5	0.6	1.3	235	-2.0	28.4	90
4/11/2009 6:00	11	0.8	1.8	213	-1.6	29.1	91
4/11/2009 7:00	15	0.7	1.6	280	-0.9	30.4	89
4/11/2009 8:00	-5	1.3	2.9	140	2.5	36.5	79
4/11/2009 9:00	2	1.1	2.5	127	5.8	42.4	66
4/11/2009 10:00	-3	1.4	3.1	166	8.5	47.3	54
4/11/2009 11:00	9	1.7	3.8	186	10.9	51.6	44

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
4/11/2009 12:00	7	2.3	5.1	184	11.6	52.9	41
4/11/2009 13:00	-5	2.5	5.6	172	12.1	53.8	38
4/11/2009 14:00	2	2.6	5.8	210	12.8	55.0	33
4/11/2009 15:00	2	4.3	9.6	278	12.3	54.1	42
4/11/2009 16:00	15	2.1	4.7	7	12.2	54.0	43
4/11/2009 17:00	-5	2.4	5.4	349	8.5	47.3	65
4/11/2009 18:00	4	2.2	4.9	336	7.9	46.2	66
4/11/2009 19:00	-1	1.5	3.4	3	6.2	43.2	73
4/11/2009 20:00	6	0.8	1.8	228	4.9	40.8	76
4/11/2009 21:00	13	1.0	2.2	186	3.8	38.8	81
4/11/2009 22:00	-5	1.7	3.8	276	4.4	39.9	73
4/11/2009 23:00	8	1.7	3.8	290	5.4	41.7	65
4/12/2009 0:00	-5	1.1	2.5	72	4.2	39.6	68
4/12/2009 1:00	1	0.7	1.6	52	3.3	37.9	72
4/12/2009 2:00	-1	1.2	2.7	59	3.4	38.1	69
4/12/2009 3:00	7	0.8	1.8	97	2.6	36.7	69
4/12/2009 4:00	-5	1.9	4.3	240	2.2	36.0	67
4/12/2009 5:00	1	1.8	4.0	239	1.8	35.2	66
4/12/2009 6:00	-5	2.3	5.1	238	2.1	35.8	64
4/12/2009 7:00	-3	1.6	3.6	295	2.2	36.0	64
4/12/2009 8:00	-1	1.0	2.2	7	3.3	37.9	59
4/12/2009 9:00	0	4.1	9.2	267	6.3	43.3	44
4/12/2009 10:00	4	3.6	8.1	254	7.8	46.0	36
4/12/2009 11:00	2	3.6	8.1	249	9.5	49.1	28
4/12/2009 12:00	-4	3.1	6.9	216	10.8	51.4	27
4/12/2009 13:00	6	3.4	7.6	239	12.2	54.0	25
4/12/2009 14:00	-2	3.9	8.7	249	13.2	55.8	23
4/12/2009 15:00	4	3.3	7.4	255	13.8	56.8	22
4/12/2009 16:00	10	3.2	7.2	265	14.3	57.7	21
4/12/2009 17:00	7	2.9	6.5	227	14.3	57.7	23
4/12/2009 18:00	-5	3.5	7.8	202	13.6	56.5	26
4/12/2009 19:00	-1	2.6	5.8	208	12.0	53.6	31
4/12/2009 20:00	-5	1.6	3.6	201	8.3	46.9	42
4/12/2009 21:00	2	1.6	3.6	219	5.3	41.5	54
4/12/2009 22:00	7	1.4	3.1	220	3.7	38.7	59
4/12/2009 23:00	-5	1.5	3.4	193	4.1	39.4	57
4/13/2009 0:00	-2	1.7	3.8	180	5.2	41.4	53
4/13/2009 1:00	-3	1.3	2.9	158	5.1	41.2	55
4/13/2009 2:00	-3	3.4	7.6	189	6.5	43.7	52
4/13/2009 3:00	6	4.5	10.1	202	6.6	43.9	57
4/13/2009 4:00	5	3.3	7.4	173	5.9	42.6	59
4/13/2009 5:00	8	4.0	8.9	164	5.8	42.4	62
4/13/2009 6:00	-3	4.2	9.4	152	4.9	40.8	69
4/13/2009 7:00	-5	3.8	8.5	161	5.2	41.4	68
4/13/2009 8:00	-5	3.9	8.7	164	6.0	42.8	66
4/13/2009 9:00	-2	4.5	10.1	172	8.1	46.6	59
4/13/2009 10:00	10	3.9	8.7	215	7.5	45.5	61
4/13/2009 11:00	3	2.7	6.0	32	4.5	40.1	72
4/13/2009 12:00	-5	2.7	6.0	45	2.4	36.3	82
4/13/2009 13:00	-5	2.4	5.4	36	1.6	34.9	83
4/13/2009 14:00	6	1.6	3.6	50	1.8	35.2	82
4/13/2009 15:00	-1	1.7	3.8	12	3.8	38.8	77
4/13/2009 16:00	5	1.6	3.6	351	4.8	40.6	72
4/13/2009 17:00	-1	1.2	2.7	49	3.7	38.7	74
4/13/2009 18:00	2	1.2	2.7	17	4.3	39.7	67
4/13/2009 19:00	1	0.9	2.0	355	3.7	38.7	69
4/13/2009 20:00	3	1.7	3.8	121	2.3	36.1	79
4/13/2009 21:00	-2	1.3	2.9	69	0.7	33.3	80
4/13/2009 22:00	-5	1.7	3.8	51	1.0	33.8	67
4/13/2009 23:00	-2	1.4	3.1	40	0.8	33.4	64
4/14/2009 0:00	-1	1.4	3.1	36	0.7	33.3	61
4/14/2009 1:00	-5	1.8	4.0	37	0.0	32.0	63
4/14/2009 2:00	14	0.4	0.9	46	-0.9	30.4	70
4/14/2009 3:00	13	AO	AO	AO	-1.9	28.6	79
4/14/2009 4:00	-5	AO	AO	AO	-1.8	28.8	74
4/14/2009 5:00	5	AO	AO	AO	-1.5	29.3	69
4/14/2009 6:00	2	AO	AO	AO	-2.2	28.0	75
4/14/2009 7:00	-5	AO	AO	AO	-2.2	28.0	76
4/14/2009 8:00	3	0.9	2.0	358	-0.9	30.4	66
4/14/2009 9:00	-5	1.4	3.1	14	-0.1	31.8	61
4/14/2009 10:00	-2	1.4	3.1	20	0.7	33.3	53
4/14/2009 11:00	-3	1.5	3.4	25	1.4	34.5	48
4/14/2009 12:00	1	1.6	3.6	31	2.1	35.8	50
4/14/2009 13:00	4	2.0	4.5	4	2.7	36.9	49
4/14/2009 14:00	1	2.6	5.8	357	3.3	37.9	47
4/14/2009 15:00	1	2.9	6.5	358	2.8	37.0	50
4/14/2009 16:00	3	2.7	6.0	3	1.9	35.4	59
4/14/2009 17:00	6	2.3	5.1	25	1.5	34.7	61
4/14/2009 18:00	9	2.4	5.4	20	0.5	32.9	65
4/14/2009 19:00	3	2.7	6.0	1	-0.2	31.6	70
4/14/2009 20:00	13	3.2	7.2	333	-1.1	30.0	78
4/14/2009 21:00	12	2.8	6.3	340	-0.7	30.7	70
4/14/2009 22:00	-5	3.0	6.7	339	-0.6	30.9	68
4/14/2009 23:00	8	3.0	6.7	332	-0.9	30.4	70
4/15/2009 0:00	6	3.3	7.4	332	-1.2	29.8	76

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
4/15/2009 1:00	-5	4.5	10.1	351	-1.4	29.5	74
4/15/2009 2:00	1	5.2	11.6	349	-1.9	28.6	68
4/15/2009 3:00	1	4.8	10.7	347	-2.3	27.9	67
4/15/2009 4:00	0	4.5	10.1	349	-2.4	27.7	67
4/15/2009 5:00	-2	4.4	9.8	348	-2.5	27.5	67
4/15/2009 6:00	7	3.9	8.7	333	-2.7	27.1	70
4/15/2009 7:00	1	3.7	8.3	326	-2.9	26.8	72
4/15/2009 8:00	11	4.0	8.9	323	-3.4	25.9	77
4/15/2009 9:00	6	4.3	9.6	323	-3.1	26.4	79
4/15/2009 10:00	-3	4.7	10.5	335	-1.3	29.7	70
4/15/2009 11:00	14	5.0	11.2	335	0.4	32.7	61
4/15/2009 12:00	5	4.8	10.7	345	0.2	32.4	57
4/15/2009 13:00	-5	4.2	9.4	357	0.3	32.5	54
4/15/2009 14:00	1	3.8	8.5	5	1.0	33.8	54
4/15/2009 15:00	1	3.3	7.4	17	1.4	34.5	54
4/15/2009 16:00	1	3.4	7.6	9	1.3	34.3	55
4/15/2009 17:00	3	3.4	7.6	6	1.2	34.2	55
4/15/2009 18:00	-5	3.3	7.4	3	0.2	32.4	56
4/15/2009 19:00	-1	2.9	6.5	1	-0.5	31.1	59
4/15/2009 20:00	4	3.3	7.4	351	-1.2	29.8	62
4/15/2009 21:00	5	2.6	5.8	345	-1.6	29.1	64
4/15/2009 22:00	10	2.7	6.0	335	-1.9	28.6	65
4/15/2009 23:00	5	2.7	6.0	333	-2.2	28.0	67
4/16/2009 0:00	-5	2.6	5.8	341	-2.1	28.2	69
4/16/2009 1:00	-2	2.3	5.1	350	-2.1	28.2	70
4/16/2009 2:00	7	2.4	5.4	344	-2.2	28.0	72
4/16/2009 3:00	-3	2.4	5.4	345	-2.2	28.0	74
4/16/2009 4:00	-5	1.7	3.8	345	-2.1	28.2	75
4/16/2009 5:00	-1	1.8	4.0	331	-2.1	28.2	76
4/16/2009 6:00	6	1.3	2.9	358	-2.0	28.4	76
4/16/2009 7:00	0	1.1	2.5	13	-2.0	28.4	76
4/16/2009 8:00	-5	1.7	3.8	354	-1.6	29.1	75
4/16/2009 9:00	5	2.1	4.7	348	-0.8	30.6	72
4/16/2009 10:00	7	2.2	4.9	359	0.0	32.0	66
4/16/2009 11:00	-4	2.0	4.5	5	1.0	33.8	64
4/16/2009 12:00	2	1.7	3.8	5	1.9	35.4	61
4/16/2009 13:00	6	1.5	3.4	7	2.9	37.2	56
4/16/2009 14:00	11	1.4	3.1	17	4.1	39.4	51
4/16/2009 15:00	5	1.4	3.1	41	4.8	40.6	49
4/16/2009 16:00	1	1.5	3.4	12	5.1	41.2	49
4/16/2009 17:00	3	1.6	3.6	349	5.1	41.2	48
4/16/2009 18:00	-1	2.1	4.7	331	4.6	40.3	52
4/16/2009 19:00	-2	1.5	3.4	314	3.7	38.7	57
4/16/2009 20:00	-5	0.7	1.6	311	2.9	37.2	63
4/16/2009 21:00	6	0.4	0.9	272	1.9	35.4	68
4/16/2009 22:00	4	0.6	1.3	235	1.5	34.7	72
4/16/2009 23:00	7	0.6	1.3	187	1.5	34.7	73
4/17/2009 0:00	6	1.2	2.7	190	1.4	34.5	75
4/17/2009 1:00	3	1.1	2.5	195	-1.0	30.2	74
4/17/2009 2:00	6	1.0	2.2	145	-2.7	27.1	76
4/17/2009 3:00	7	0.8	1.8	172	-4.9	23.2	83
4/17/2009 4:00	-5	0.7	1.6	150	-5.7	21.7	84
4/17/2009 5:00	-5	0.5	1.1	223	-6.4	20.5	84
4/17/2009 6:00	28	1.3	2.9	167	-5.9	21.4	82
4/17/2009 7:00	-5	1.4	3.1	202	-3.7	25.3	75
4/17/2009 8:00	-5	1.0	2.2	141	-0.4	31.3	64
4/17/2009 9:00	14	1.7	3.8	195	3.1	37.6	52
4/17/2009 10:00	4	2.4	5.4	177	5.9	42.6	46
4/17/2009 11:00	6	2.4	5.4	188	7.5	45.5	40
4/17/2009 12:00	13	2.5	5.6	206	9.1	48.4	38
4/17/2009 13:00	7	2.7	6.0	204	10.8	51.4	36
4/17/2009 14:00	6	2.3	5.1	203	12.5	54.5	33
4/17/2009 15:00	5	2.1	4.7	148	13.5	56.3	30
4/17/2009 16:00	4	2.1	4.7	103	14.6	58.3	24
4/17/2009 17:00	11	2.0	4.5	30	14.8	58.6	26
4/17/2009 18:00	-4	2.3	5.1	4	12.8	55.0	36
4/17/2009 19:00	-2	1.5	3.4	39	10.8	51.4	37
4/17/2009 20:00	3	0.7	1.6	60	8.2	46.8	43
4/17/2009 21:00	2	0.9	2.0	190	6.5	43.7	50
4/17/2009 22:00	3	1.8	4.0	252	7.3	45.1	47
4/17/2009 23:00	12	2.0	4.5	269	6.5	43.7	53
4/18/2009 0:00	9	2.9	6.5	269	6.1	43.0	56
4/18/2009 1:00	3	1.0	2.2	287	5.0	41.0	61
4/18/2009 2:00	3	0.6	1.3	263	2.6	36.7	68
4/18/2009 3:00	-5	1.9	4.3	245	3.7	38.7	63
4/18/2009 4:00	9	1.8	4.0	207	3.6	38.5	62
4/18/2009 5:00	-5	2.0	4.5	243	2.3	36.1	63
4/18/2009 6:00	3	1.2	2.7	191	1.2	34.2	68
4/18/2009 7:00	-5	1.3	2.9	268	2.9	37.2	66
4/18/2009 8:00	8	3.7	8.3	241	6.3	43.3	51
4/18/2009 9:00	2	4.1	9.2	251	7.1	44.8	45
4/18/2009 10:00	11	4.4	9.8	244	8.8	47.8	35
4/18/2009 11:00	14	3.2	7.2	244	10.0	50.0	29
4/18/2009 12:00	11	2.0	4.5	353	11.2	52.2	25
4/18/2009 13:00	9	2.3	5.1	77	12.2	54.0	22
4/18/2009 14:00	7	1.8	4.0	36	12.5	54.5	20

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
4/18/2009 15:00	5	2.0	4.5	17	13.4	56.1	20
4/18/2009 16:00	9	1.9	4.3	24	13.5	56.3	18
4/18/2009 17:00	6	2.0	4.5	20	13.5	56.3	18
4/18/2009 18:00	3	1.6	3.6	26	13.0	55.4	19
4/18/2009 19:00	3	0.9	2.0	56	12.3	54.1	19
4/18/2009 20:00	-5	0.7	1.6	355	7.7	45.9	32
4/18/2009 21:00	7	0.9	2.0	266	3.2	37.8	52
4/18/2009 22:00	-5	1.0	2.2	203	0.0	32.0	61
4/18/2009 23:00	0	1.4	3.1	134	0.5	32.9	60
4/19/2009 0:00	3	2.4	5.4	190	1.4	34.5	57
4/19/2009 1:00	1	1.6	3.6	169	0.9	33.6	59
4/19/2009 2:00	-5	2.1	4.7	161	0.9	33.6	57
4/19/2009 3:00	4	1.8	4.0	155	0.1	32.2	60
4/19/2009 4:00	4	2.0	4.5	158	-0.4	31.3	62
4/19/2009 5:00	-5	2.0	4.5	167	0.3	32.5	58
4/19/2009 6:00	10	1.7	3.8	191	-0.3	31.5	61
4/19/2009 7:00	-5	1.0	2.2	117	0.3	32.5	59
4/19/2009 8:00	-3	2.7	6.0	174	4.1	39.4	48
4/19/2009 9:00	7	3.6	8.1	189	8.4	47.1	34
4/19/2009 10:00	13	3.0	6.7	182	10.0	50.0	29
4/19/2009 11:00	7	4.1	9.2	236	12.5	54.5	23
4/19/2009 12:00	12	5.2	11.6	248	14.7	58.5	23
4/19/2009 13:00	12	4.2	9.4	294	16.1	61.0	22
4/19/2009 14:00	1	6.0	13.4	302	15.7	60.3	23
4/19/2009 15:00	-5	5.4	12.1	275	14.6	58.3	29
4/19/2009 16:00	4	5.6	12.5	253	14.7	58.5	32
4/19/2009 17:00	2	3.7	8.3	254	14.6	58.3	33
4/19/2009 18:00	7	3.0	6.7	263	14.4	57.9	32
4/19/2009 19:00	-5	2.8	6.3	273	13.5	56.3	34
4/19/2009 20:00	-5	2.6	5.8	246	11.9	53.4	39
4/19/2009 21:00	0	2.0	4.5	236	10.0	50.0	42
4/19/2009 22:00	5	1.2	2.7	188	7.7	45.9	51
4/19/2009 23:00	1	1.3	2.9	155	5.9	42.6	61
4/20/2009 0:00	2	1.4	3.1	145	6.1	43.0	60
4/20/2009 1:00	-5	1.4	3.1	167	4.7	40.5	63
4/20/2009 2:00	3	1.9	4.3	185	4.5	40.1	64
4/20/2009 3:00	4	1.8	4.0	179	5.0	41.0	59
4/20/2009 4:00	1	1.9	4.3	198	5.3	41.5	58
4/20/2009 5:00	-2	1.2	2.7	299	2.1	35.8	69
4/20/2009 6:00	11	0.9	2.0	323	1.2	34.2	73
4/20/2009 7:00	-5	0.9	2.0	150	0.7	33.3	76
4/20/2009 8:00	14	1.4	3.1	243	5.9	42.6	61
4/20/2009 9:00	-5	1.0	2.2	165	7.5	45.5	56
4/20/2009 10:00	11	3.6	8.1	234	14.7	58.5	31
4/20/2009 11:00	15	2.5	5.6	354	15.7	60.3	33
4/20/2009 12:00	6	2.2	4.9	336	17.1	62.8	26
4/20/2009 13:00	-5	5.8	13.0	256	18.4	65.1	21
4/20/2009 14:00	2	6.2	13.9	257	19.3	66.7	19
4/20/2009 15:00	0	5.5	12.3	270	20.1	68.2	18
4/20/2009 16:00	11	4.9	11.0	279	20.0	68.0	17
4/20/2009 17:00	5	4.8	10.7	284	20.4	68.7	16
4/20/2009 18:00	2	4.7	10.5	284	19.6	67.3	16
4/20/2009 19:00	-5	4.0	8.9	296	18.1	64.6	19
4/20/2009 20:00	-3	1.3	2.9	303	14.1	57.4	27
4/20/2009 21:00	-5	0.8	1.8	205	11.0	51.8	38
4/20/2009 22:00	4	1.1	2.5	176	9.1	48.4	46
4/20/2009 23:00	-5	1.8	4.0	178	7.9	46.2	47
4/21/2009 0:00	7	2.3	5.1	185	7.7	45.9	47
4/21/2009 1:00	-2	2.4	5.4	180	6.9	44.4	51
4/21/2009 2:00	2	2.3	5.1	171	5.4	41.7	55
4/21/2009 3:00	2	2.2	4.9	189	6.0	42.8	53
4/21/2009 4:00	-2	2.0	4.5	162	4.4	39.9	59
4/21/2009 5:00	2	1.9	4.3	144	3.3	37.9	62
4/21/2009 6:00	-2	2.3	5.1	168	3.3	37.9	62
4/21/2009 7:00	-1	2.8	6.3	180	4.8	40.6	57
4/21/2009 8:00	12	3.1	6.9	189	9.3	48.7	46
4/21/2009 9:00	6	3.2	7.2	180	13.6	56.5	35
4/21/2009 10:00	13	3.6	8.1	175	16.9	62.4	27
4/21/2009 11:00	7	3.7	8.3	199	19.5	67.1	18
4/21/2009 12:00	15	3.5	7.8	278	21.0	69.8	15
4/21/2009 13:00	3	5.0	11.2	249	21.7	71.1	14
4/21/2009 14:00	5	5.2	11.6	252	22.2	72.0	13
4/21/2009 15:00	0	4.9	11.0	272	22.5	72.5	12
4/21/2009 16:00	2	5.5	12.3	256	22.2	72.0	13
4/21/2009 17:00	-4	5.5	12.3	260	21.7	71.1	12
4/21/2009 18:00	1	5.1	11.4	272	20.7	69.3	14
4/21/2009 19:00	-5	3.6	8.1	279	19.3	66.7	17
4/21/2009 20:00	-5	1.5	3.4	266	14.1	57.4	32
4/21/2009 21:00	-4	1.4	3.1	268	9.3	48.7	47
4/21/2009 22:00	-4	1.7	3.8	211	8.6	47.5	53
4/21/2009 23:00	0	1.6	3.6	157	7.9	46.2	57
4/22/2009 0:00	12	2.0	4.5	186	8.1	46.6	57
4/22/2009 1:00	8	2.3	5.1	193	8.5	47.3	55
4/22/2009 2:00	8	2.5	5.6	192	8.5	47.3	55
4/22/2009 3:00	1	2.0	4.5	177	6.7	44.1	61

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
4/22/2009 4:00	13	1.5	3.4	175	7.0	44.6	61
4/22/2009 5:00	-5	1.4	3.1	137	6.3	43.3	63
4/22/2009 6:00	16	1.3	2.9	153	4.1	39.4	71
4/22/2009 7:00	5	1.4	3.1	137	5.0	41.0	69
4/22/2009 8:00	15	2.8	6.3	175	11.4	52.5	48
4/22/2009 9:00	10	3.5	7.8	200	14.7	58.5	37
4/22/2009 10:00	7	3.3	7.4	196	16.6	61.9	29
4/22/2009 11:00	24	2.5	5.6	209	18.3	64.9	19
4/22/2009 12:00	1	3.6	8.1	250	19.0	66.2	17
4/22/2009 13:00	8	4.6	10.3	276	20.2	68.4	12
4/22/2009 14:00	13	4.5	10.1	264	20.6	69.1	13
4/22/2009 15:00	5	4.2	9.4	275	21.0	69.8	13
4/22/2009 16:00	-5	4.7	10.5	279	20.7	69.3	14
4/22/2009 17:00	1	4.5	10.1	277	20.5	68.9	13
4/22/2009 18:00	10	4.4	9.8	283	19.5	67.1	15
4/22/2009 19:00	-5	3.1	6.9	287	15.7	60.3	22
4/22/2009 20:00	-5	1.3	2.9	188	11.4	52.5	35
4/22/2009 21:00	9	1.2	2.7	142	9.4	48.9	51
4/22/2009 22:00	5	1.2	2.7	149	7.0	44.6	53
4/22/2009 23:00	4	1.3	2.9	167	5.0	41.0	55
4/23/2009 0:00	2	0.8	1.8	59	3.1	37.6	64
4/23/2009 1:00	9	1.4	3.1	295	3.8	38.8	61
4/23/2009 2:00	0	1.2	2.7	264	4.8	40.6	60
4/23/2009 3:00	17	0.9	2.0	313	4.2	39.6	67
4/23/2009 4:00	0	1.1	2.5	230	3.5	38.3	70
4/23/2009 5:00	11	0.8	1.8	286	3.0	37.4	73
4/23/2009 6:00	0	0.7	1.6	266	0.5	32.9	79
4/23/2009 7:00	4	0.9	2.0	334	2.6	36.7	75
4/23/2009 8:00	7	1.7	3.8	331	7.1	44.8	58
4/23/2009 9:00	30	2.1	4.7	15	9.6	49.3	52
4/23/2009 10:00	32	3.2	7.2	21	7.5	45.5	56
4/23/2009 11:00	52	4.3	9.6	19	4.8	40.6	60
4/23/2009 12:00	13	3.8	8.5	17	2.6	36.7	71
4/23/2009 13:00	13	3.3	7.4	17	1.3	34.3	77
4/23/2009 14:00	5	2.2	4.9	24	-0.5	31.1	87
4/23/2009 15:00	2	1.2	2.7	24	-0.5	31.1	89
4/23/2009 16:00	-5	0.9	2.0	2	-0.9	30.4	89
4/23/2009 17:00	1	AO	AO	AO	-1.5	29.3	88
4/23/2009 18:00	-5	AO	AO	AO	-2.1	28.2	87
4/23/2009 19:00	4	AO	AO	AO	-2.4	27.7	86
4/23/2009 20:00	3	AO	AO	AO	-2.7	27.1	88
4/23/2009 21:00	1	AO	AO	AO	-2.9	26.8	89
4/23/2009 22:00	-2	AO	AO	AO	-3.7	25.3	88
4/23/2009 23:00	4	AO	AO	AO	-4.1	24.6	89
4/24/2009 0:00	3	AO	AO	AO	-3.3	26.1	88
4/24/2009 1:00	-5	AO	AO	AO	-3.3	26.1	88
4/24/2009 2:00	1	AO	AO	AO	-3.6	25.5	88
4/24/2009 3:00	1	AO	AO	AO	-3.7	25.3	88
4/24/2009 4:00	-4	AO	AO	AO	-4.3	24.3	87
4/24/2009 5:00	4	AO	AO	AO	-5.3	22.5	88
4/24/2009 6:00	-5	AO	AO	AO	-6.4	20.5	89
4/24/2009 7:00	-4	AO	AO	AO	-4.9	23.2	78
4/24/2009 8:00	-5	AO	AO	AO	-1.3	29.7	61
4/24/2009 9:00	7	1.2	2.7	166	0.2	32.4	52
4/24/2009 10:00	-4	1.3	2.9	196	0.3	32.5	49
4/24/2009 11:00	9	1.0	2.2	272	1.5	34.7	42
4/24/2009 12:00	9	1.4	3.1	320	2.3	36.1	43
4/24/2009 13:00	-3	2.2	4.9	67	3.1	37.6	41
4/24/2009 14:00	7	2.3	5.1	345	4.8	40.6	36
4/24/2009 15:00	-5	3.4	7.6	293	5.6	42.1	29
4/24/2009 16:00	9	4.1	9.2	301	6.3	43.3	28
4/24/2009 17:00	13	3.5	7.8	307	6.2	43.2	27
4/24/2009 18:00	-1	3.4	7.6	301	5.8	42.4	28
4/24/2009 19:00	13	2.4	5.4	296	4.3	39.7	32
4/24/2009 20:00	-1	0.8	1.8	295	0.4	32.7	47
4/24/2009 21:00	2	0.9	2.0	65	-0.4	31.3	51
4/24/2009 22:00	-1	0.9	2.0	310	-1.4	29.5	57
4/24/2009 23:00	15	1.4	3.1	257	-3.2	26.2	64
4/25/2009 0:00	-5	1.0	2.2	196	-4.2	24.4	67
4/25/2009 1:00	5	1.0	2.2	189	-4.2	24.4	73
4/25/2009 2:00	4	1.7	3.8	182	-5.1	22.8	73
4/25/2009 3:00	4	1.6	3.6	191	-5.4	22.3	72
4/25/2009 4:00	1	1.6	3.6	162	-5.9	21.4	72
4/25/2009 5:00	16	1.7	3.8	176	-6.3	20.7	73
4/25/2009 6:00	1	2.4	5.4	192	-5.8	21.6	69
4/25/2009 7:00	-3	2.7	6.0	196	-4.2	24.4	64
4/25/2009 8:00	6	2.5	5.6	189	-0.2	31.6	49
4/25/2009 9:00	6	2.7	6.0	184	2.3	36.1	38
4/25/2009 10:00	3	2.1	4.7	154	4.2	39.6	31
4/25/2009 11:00	10	2.1	4.7	132	5.0	41.0	25
4/25/2009 12:00	5	1.5	3.4	36	5.6	42.1	22
4/25/2009 13:00	4	1.8	4.0	10	6.6	43.9	26
4/25/2009 14:00	11	1.9	4.3	38	8.2	46.8	25
4/25/2009 15:00	0	2.0	4.5	20	8.5	47.3	26
4/25/2009 16:00	16	1.9	4.3	14	9.0	48.2	25
4/25/2009 17:00	2	2.4	5.4	4	8.1	46.6	31

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
4/25/2009 18:00	1	3.1	6.9	331	6.9	44.4	37
4/25/2009 19:00	2	3.5	7.8	338	5.8	42.4	46
4/25/2009 20:00	-3	2.5	5.6	4	2.9	37.2	63
4/25/2009 21:00	1	1.9	4.3	16	0.4	32.7	79
4/25/2009 22:00	10	2.1	4.7	340	-0.4	31.3	80
4/25/2009 23:00	1	1.6	3.6	352	-0.2	31.6	80
4/26/2009 0:00	0	1.4	3.1	332	-0.5	31.1	81
4/26/2009 1:00	9	1.2	2.7	7	0.2	32.4	73
4/26/2009 2:00	-4	1.3	2.9	17	0.4	32.7	69
4/26/2009 3:00	5	1.5	3.4	24	0.5	32.9	68
4/26/2009 4:00	-5	1.5	3.4	21	0.4	32.7	69
4/26/2009 5:00	4	1.3	2.9	40	-0.5	31.1	77
4/26/2009 6:00	18	1.7	3.8	42	-1.5	29.3	87
4/26/2009 7:00	8	1.3	2.9	39	-1.4	29.5	87
4/26/2009 8:00	6	1.8	4.0	14	-0.8	30.6	87
4/26/2009 9:00	-5	2.9	6.5	6	0.1	32.2	80
4/26/2009 10:00	11	3.0	6.7	7	1.6	34.9	74
4/26/2009 11:00	6	2.9	6.5	21	3.4	38.1	60
4/26/2009 12:00	6	2.8	6.3	20	4.3	39.7	52
4/26/2009 13:00	7	2.6	5.8	27	5.7	42.3	47
4/26/2009 14:00	5	2.7	6.0	16	5.8	42.4	46
4/26/2009 15:00	5	2.6	5.8	22	6.2	43.2	44
4/26/2009 16:00	-2	2.6	5.8	15	5.9	42.6	43
4/26/2009 17:00	-2	2.5	5.6	8	5.8	42.4	41
4/26/2009 18:00	-5	2.7	6.0	357	5.2	41.4	42
4/26/2009 19:00	3	2.5	5.6	331	2.6	36.7	53
4/26/2009 20:00	6	1.7	3.8	331	-0.1	31.8	63
4/26/2009 21:00	-4	1.0	2.2	346	-1.0	30.2	68
4/26/2009 22:00	4	0.6	1.3	20	-2.7	27.1	77
4/26/2009 23:00	2	0.7	1.6	196	-4.2	24.4	84
4/27/2009 0:00	1	0.9	2.0	229	-4.1	24.6	81
4/27/2009 1:00	-2	0.9	2.0	241	-5.3	22.5	83
4/27/2009 2:00	11	1.3	2.9	173	-5.0	23.0	81
4/27/2009 3:00	-1	1.0	2.2	179	-5.8	21.6	84
4/27/2009 4:00	10	0.7	1.6	167	-6.0	21.2	84
4/27/2009 5:00	1	1.1	2.5	189	-5.7	21.7	82
4/27/2009 6:00	4	0.7	1.6	128	-5.4	22.3	81
4/27/2009 7:00	3	1.2	2.7	232	-3.2	26.2	75
4/27/2009 8:00	8	2.1	4.7	182	0.2	32.4	66
4/27/2009 9:00	7	2.8	6.3	143	3.2	37.8	53
4/27/2009 10:00	1	2.9	6.5	157	5.2	41.4	45
4/27/2009 11:00	14	3.2	7.2	152	6.8	44.2	39
4/27/2009 12:00	7	2.8	6.3	133	7.4	45.3	37
4/27/2009 13:00	6	2.5	5.6	149	7.9	46.2	33
4/27/2009 14:00	2	2.5	5.6	18	7.1	44.8	45
4/27/2009 15:00	2	3.9	8.7	327	6.3	43.3	53
4/27/2009 16:00	0	BA	BA	BA	4.4	39.9	66
4/27/2009 17:00	13	1.1	2.5	31	4.0	39.2	73
4/27/2009 18:00	-5	2.5	5.6	354	3.2	37.8	78
4/27/2009 19:00	-4	4.3	9.6	331	1.0	33.8	82
4/27/2009 20:00	1	3.5	7.8	349	-0.6	30.9	82
4/27/2009 21:00	27	3.4	7.6	357	-1.9	28.6	87
4/27/2009 22:00	10	3.3	7.4	357	-2.7	27.1	89
4/27/2009 23:00	17	3.3	7.4	1	-3.1	26.4	88
4/28/2009 0:00	1	2.8	6.3	4	-3.5	25.7	88
4/28/2009 1:00	4	2.3	5.1	3	-3.3	26.1	85
4/28/2009 2:00	-4	1.6	3.6	20	-3.2	26.2	84
4/28/2009 3:00	-5	1.8	4.0	14	-3.1	26.4	83
4/28/2009 4:00	4	1.6	3.6	12	-3.0	26.6	81
4/28/2009 5:00	-5	2.3	5.1	6	-3.0	26.6	79
4/28/2009 6:00	0	1.5	3.4	22	-3.0	26.6	79
4/28/2009 7:00	8	1.9	4.3	10	-3.2	26.2	82
4/28/2009 8:00	-2	2.0	4.5	7	-2.5	27.5	79
4/28/2009 9:00	-1	1.8	4.0	11	-1.5	29.3	74
4/28/2009 10:00	22	2.6	5.8	352	-0.8	30.6	76
4/28/2009 11:00	6	1.8	4.0	8	-1.0	30.2	83
4/28/2009 12:00	-5	3.6	8.1	352	-0.8	30.6	87
4/28/2009 13:00	-5	3.4	7.6	356	-0.6	30.9	83
4/28/2009 14:00	12	3.3	7.4	358	-1.3	29.7	82
4/28/2009 15:00	32	3.7	8.3	1	-1.7	28.9	85
4/28/2009 16:00	5	4.3	9.6	359	-1.7	28.9	86
4/28/2009 17:00	-3	4.5	10.1	355	-1.4	29.5	84
4/28/2009 18:00	-4	4.8	10.7	345	-1.1	30.0	80
4/28/2009 19:00	-5	4.4	9.8	343	-1.4	29.5	78
4/28/2009 20:00	-5	4.1	9.2	345	-1.7	28.9	78
4/28/2009 21:00	-5	4.0	8.9	347	-1.8	28.8	77
4/28/2009 22:00	-1	3.9	8.7	348	-1.8	28.8	76
4/28/2009 23:00	28	3.5	7.8	342	-2.3	27.9	83
4/29/2009 0:00	-5	3.3	7.4	342	-2.8	27.0	87
4/29/2009 1:00	5	3.2	7.2	342	-2.7	27.1	86
4/29/2009 2:00	16	3.1	6.9	346	-2.8	27.0	87
4/29/2009 3:00	11	3.3	7.4	349	-3.0	26.6	89
4/29/2009 4:00	15	3.0	6.7	355	-3.3	26.1	88
4/29/2009 5:00	30	3.2	7.2	354	-3.7	25.3	88
4/29/2009 6:00	2	3.0	6.7	352	-4.0	24.8	88

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
4/29/2009 7:00	4	2.4	5.4	356	-3.9	25.0	87
4/29/2009 8:00	8	2.9	6.5	359	-3.6	25.5	84
4/29/2009 9:00	5	3.2	7.2	1	-3.3	26.1	79
4/29/2009 10:00	-5	2.9	6.5	1	-2.4	27.7	70
4/29/2009 11:00	1	2.8	6.3	2	-1.0	30.2	64
4/29/2009 12:00	-1	3.0	6.7	4	-0.3	31.5	61
4/29/2009 13:00	3	3.1	6.9	1	0.0	32.0	64
4/29/2009 14:00	-3	3.2	7.2	356	0.4	32.7	65
4/29/2009 15:00	-5	3.8	8.5	349	0.8	33.4	66
4/29/2009 16:00	2	3.8	8.5	355	0.7	33.3	61
4/29/2009 17:00	-1	3.8	8.5	357	0.1	32.2	58
4/29/2009 18:00	-5	3.9	8.7	356	-0.5	31.1	59
4/29/2009 19:00	-1	3.8	8.5	354	-1.5	29.3	62
4/29/2009 20:00	-5	3.3	7.4	350	-2.6	27.3	66
4/29/2009 21:00	4	2.6	5.8	347	-3.0	26.6	69
4/29/2009 22:00	0	2.9	6.5	338	-3.1	26.4	72
4/29/2009 23:00	9	2.2	4.9	350	-3.3	26.1	72
4/30/2009 0:00	-2	1.6	3.6	355	-3.5	25.7	74
4/30/2009 1:00	5	1.3	2.9	7	-3.7	25.3	75
4/30/2009 2:00	14	0.8	1.8	25	-3.9	25.0	75
4/30/2009 3:00	9	0.8	1.8	40	-3.9	25.0	74
4/30/2009 4:00	9	0.7	1.6	36	-4.2	24.4	76
4/30/2009 5:00	-5	0.7	1.6	58	-4.5	23.9	78
4/30/2009 6:00	11	0.7	1.6	46	-4.6	23.7	81
4/30/2009 7:00	20	0.8	1.8	354	-4.1	24.6	80
4/30/2009 8:00	-2	1.0	2.2	302	-3.7	25.3	79
4/30/2009 9:00	8	0.8	1.8	307	-3.2	26.2	78
4/30/2009 10:00	7	1.1	2.5	321	-2.1	28.2	75
4/30/2009 11:00	9	1.6	3.6	342	-0.5	31.1	71
4/30/2009 12:00	2	1.8	4.0	349	0.7	33.3	67
4/30/2009 13:00	7	1.6	3.6	9	2.1	35.8	61
4/30/2009 14:00	4	2.0	4.5	355	3.3	37.9	57
4/30/2009 15:00	5	2.3	5.1	347	4.0	39.2	54
4/30/2009 16:00	0	2.2	4.9	334	4.3	39.7	51
4/30/2009 17:00	-5	2.0	4.5	351	3.9	39.0	53
4/30/2009 18:00	2	1.5	3.4	359	4.0	39.2	53
4/30/2009 19:00	-4	1.9	4.3	335	3.4	38.1	57
4/30/2009 20:00	-1	1.9	4.3	313	1.6	34.9	67
4/30/2009 21:00	5	0.7	1.6	281	0.2	32.4	73
4/30/2009 22:00	-5	0.6	1.3	198	-0.2	31.6	77
4/30/2009 23:00	-5	0.9	2.0	187	-1.6	29.1	86
5/1/2009 0:00	-5	0.9	2.0	153	-1.8	28.8	84

AO = Bad Weather

AV = Power outage

BA = Routine maintenance / repairs